

GenCore version 5.1.7  
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OW protein - protein search, using sw model

Run on: February 8, 2006, 15:32:29 ; Search time 49 Seconds  
(without alignments)  
676.591 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 401

Sequence: 1 MNKLICALVFLDISIKWT.....QKLFLEWIGNQGVSKISCL 401

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 30

Total number of hits satisfying chosen parameters: 78

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database :

Issued Patents AA: \*  
1: /cgn2\_6/prodata/1/1aa/5 COMB.pep: \*  
2: /cgn2\_6/prodata/1/1aa/6 COMB.pep: \*  
3: /cgn2\_6/prodata/1/1aa/H.COMB.pep: \*  
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5: /cgn2\_6/prodata/1/1aa/RB.COMB.pep: \*  
6: /cgn2\_6/prodata/1/1aa/backfile1.pep: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	401	100.0	401	2	US-09-153-927-1
2	401	100.0	401	2	US-09-072-993C-1
3	398	99.3	401	2	US-10-232-858-5
4	398	99.3	401	2	US-09-338-063A-5
5	396	98.8	399	2	US-10-232-858-73
6	396	98.8	399	2	US-09-338-063A-73
7	396	98.8	401	2	US-10-232-858-66
8	396	98.8	401	2	US-09-338-063A-66
9	391	97.5	391	2	US-10-232-858-106
10	391	97.5	391	2	US-09-338-063A-106
11	388	96.8	393	2	US-10-232-858-79
12	388	96.8	393	2	US-09-338-063A-79
13	380	94.8	380	2	US-10-232-858-4
14	380	94.8	380	2	US-09-338-063A-4
15	348	86.8	351	2	US-10-232-858-74
16	348	86.8	351	2	US-09-338-063A-74
17	338	84.3	360	2	US-10-232-858-67
18	338	84.3	360	2	US-09-338-063A-67
19	315	78.6	321	2	US-10-232-858-80
20	315	78.6	321	2	US-09-338-063A-80
21	315	78.6	401	2	US-10-232-858-65
22	315	78.6	401	2	US-09-338-063A-65
23	306	76.3	394	2	US-10-232-858-9
24	306	76.3	394	2	US-09-338-063A-9
25	300	74.8	401	2	US-08-974-022-6
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32	300	74.8	401	2	US-08-577-788C-6	Sequence 6, App1
33	300	74.8	401	2	US-08-577-788C-56	Sequence 56, App1
34	300	74.8	401	2	US-09-064-832-2	Sequence 2, App1
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36	297	74.1	401	2	US-10-232-858-63	Sequence 63, App1
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41	296	73.8	359	2	US-10-232-858-68	Sequence 68, App1
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43	290	72.3	362	2	US-10-232-858-11	Sequence 11, App1
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45	270	67.3	327	2	US-10-232-858-72	Sequence 72, App1
46	270	67.3	327	2	US-09-338-063A-72	Sequence 72, App1
47	269	67.1	272	2	US-10-232-858-75	Sequence 75, App1
48	269	67.1	272	2	US-09-338-063A-75	Sequence 75, App1
49	262	65.3	233	2	US-09-896-096A-18	Sequence 18, App1
50	258	64.3	363	2	US-10-232-858-69	Sequence 69, App1
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56	194	48.4	197	2	US-10-232-858-76	Sequence 76, App1
57	194	48.4	197	2	US-09-338-063A-76	Sequence 76, App1
58	184	45.9	187	2	US-10-232-858-81	Sequence 81, App1
59	184	45.9	187	2	US-09-338-063A-81	Sequence 81, App1
60	161	40.1	161	2	US-09-632-277A-3	Sequence 3, App1
61	158	39.4	158	2	US-09-422-680A-24	Sequence 24, App1
62	147	36.7	147	2	US-09-527-236A-20	Sequence 20, App1
63	147	36.7	147	2	US-09-756-854-20	Sequence 20, App1
64	147	36.7	147	2	US-10-041-574-20	Sequence 20, App1
65	147	36.7	147	2	US-09-095-094-20	Sequence 20, App1
66	146	36.4	146	2	US-09-523-323-58	Sequence 58, App1
67	144	35.9	364	2	US-08-706-945D-142	Sequence 142, App
68	140	34.9	143	2	US-09-338-063A-77	Sequence 77, App1
69	140	34.9	143	2	US-10-232-858-77	Sequence 77, App1
70	139	34.7	139	2	US-08-706-945D-130	Sequence 130, App
71	134	33.4	145	2	US-10-232-858-15	Sequence 15, App1
72	134	33.4	145	2	US-09-338-063A-15	Sequence 15, App1
73	127	31.7	154	2	US-10-232-858-13	Sequence 13, App1
74	127	31.7	154	2	US-09-338-063A-13	Sequence 13, App1
75	103	25.7	106	2	US-10-232-858-78	Sequence 78, App1
76	103	25.7	106	2	US-09-338-063A-78	Sequence 78, App1
77	79	19.7	84	2	US-10-232-858-82	Sequence 82, App1
78	79	19.7	84	2	US-09-338-063A-82	Sequence 82, App1

ALIGNMENTS

RESULT 1  
US-09-153-927-1  
; Sequence 1, Application US/09153927A  
; Patent No. 6297022  
; GENERAL INFORMATION:  
; APPLICANT: McDonnell, Peter C.  
; APPLICANT: Young, Peter R.  
; TITLE OF INVENTION: A Method of Identifying Agonists and  
; TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3  
; TITLE OF INVENTION: and TRS  
; FILE REFERENCE: GH50031  
; CURRENT APPLICATION NUMBER: US/09/153,927A  
; EARLIER APPLICATION NUMBER: 1998-09-16  
; EARLIER APPLICATION NUMBER: 60/061,334  
; EARLIER FILING DATE: 1997-10-08  
; NUMBER OF SEQ ID NOS: 11

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRN
; ORGANISM: Human
US-09-153-927-1

Query Match          100.0%; Score 401; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCSCKEGRYLEIFCLK 120
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QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCSCKEGRYLEIFCLK 120
DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCSCKEGRYLEIFCLK 120
QY 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
DB 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
QY 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
DB 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
QY 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
QY 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
QY 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
DB 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
QY 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
DB 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
QY 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
DB 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
QY 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
DB 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401

RESULT 2
US-09-072-993C-1
; Sequence 1, Application US/09072993C
; Patent No. 6346388
; GENERAL INFORMATION:
; APPLICANT: Michael R. Brigham-Burke
; APPLICANT: Peter R. Young
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
; FILE REFERENCE: GH-50030
; CURRENT APPLICATION NUMBER: US/09/072,993C
; CURRENT FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRN
; ORGANISM: HOMO SAPIENS
US-09-072-993C-1

Query Match          100.0%; Score 401; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKT 60
DB 1 MNLLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKT 60
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DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCSCKEGRYLEIFCLK 120
QY 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
DB 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
QY 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
DB 121 HRCSPFGVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
QY 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
QY 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRPAVPTKFTPNMLSVLYVDNLPGTKVAESVERI 240
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DB 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
QY 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
DB 241 KRQHSQEOBTFOCLKMKQKQNDQIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
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QY 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
DB 301 SLPGKKVGAEDIETIKAKCPDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHPPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401

RESULT 3
US-10-232-858-5
; Sequence 5, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6855808uyuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomomori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232,858
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/Jp96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915,004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRN
; ORGANISM: Homo sapiens
US-10-232-858-5

Query Match          99.3%; Score 398; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 398; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKTVCA 63
DB 4 LLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKTVCA 63
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DB 64 PCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCSCKEGRYLEIFCLKHS 123
QY 124 CPGPGFVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
DB 124 CPGPGFVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
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Db	244	HSBQEQTFOLLKLMKQNKQNDIVKKIIOIDILCENSVO RHIGHANLTPEQRLSMBELP	303
QY	304	GKRYGAGDIEKTIKACKPSPDQILKLSWRIRKNGDDTLKGLMHLKSKSTYHPPKTYVQ	363
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QY	364	SLKKTIRFLHSFTMYLQYOLFLEMINGVOVSXKISCL	401
Db	364	SLKKTIRFLHSFTMYLQYOLFLEMINGVOVSXKISCL	401

RESULT 4  
US-09-338-063A-5  
Sequence 5, Application US/09338063A  
Patent No. 6919434  
GENERAL INFORMATION:  
APPLICANT: GOTO, Masaaki  
APPLICANT: TSUDA, Eisuke  
APPLICANT: MOCHIZUKI, Shin'ichi  
APPLICANT: YANO, Kazuki  
APPLICANT: KOBAYASHI, Fumie  
APPLICANT: SHIMA, No. 6919434uyuk1  
APPLICANT: YASUDA, Hisataka  
APPLICANT: NAKAGAWA, No. 6919434uaki  
APPLICANT: MORINAGA, Tomonori  
APPLICANT: UEDA, Masatsugu  
APPLICANT: HIGASHIO, Kanji  
TITLE OF INVENTION: Monoclonal Antibodies that Bind OC1F  
FILE REFERENCE: 16991.005  
CURRENT APPLICATION NUMBER: US/09/338.063A  
CURRENT FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: US 08/915,004  
PRIOR FILING DATE: 1997-08-20  
PRIOR APPLICATION NUMBER: PCT/JF96/00374  
PRIOR FILING DATE: 1996-02-20  
PRIOR APPLICATION NUMBER: JP 207508/1995  
PRIOR FILING DATE: 1995-07-21  
PRIOR APPLICATION NUMBER: JP 054977/1995  
PRIOR FILING DATE: 1995-02-20  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-338-063A-5

	Query Match	99.3%;	Score 398;	DB 2;	Length 401;
	Best Local Similarity	100.0%;	Pred. No. 0;		
	Matches 398;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
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QY	64	PCPHYITDSMHTSDECLYCSPVCKEILVYVQECNRTNRRVCECEGGYILEFPLTKRS	123		
Db	64	PCPHYITDSMHTSDECLYCSPVCKEILVYVQECNRTNRRVCECEGGYILEFPLTKRS	123		
QY	124	CPPGFGVQAQTPERNATVCKKCPDGFSENETSskaPCRHNTNCSVFGLLITQKGNATHDN	183		
Db	124	CPPGFGVQAQTPERNATVCKKCPDGFSENETSskaPCRHNTNCSVFGLLITQKGNATHDN	183		
QY	184	ICSGNSESTQCKGIDVTLCEBAFPFAAPYKTPPMWLSVLVDNLTGTYNNAESVERIKRQ	243		
Db	184	ICSGNSESTQCKGIDVTLCEBAFPFAAPYKTPPMWLSVLVDNLTGTYNNAESVERIKRQ	243		

QY	244	HSQSGQTQOLKLMGQNDODIYKKIIODIDLCEHSVQRHIGHANLFTBOLBSLWESLP	3033
Db	244	HSQSGQTQOLKLMGQNDODIYKKIIODIDLCEHSVQRHIGHANLFTBOLBSLWESLP	3033
QY	304	GKQVABEIEKTIKACRPSDOIILKILSLMRINSGODTLKGMHALKHSKTYHPPTVYQ	3633
Db	304	GKQVABEIEKTIKACRPSDOIILKILSLMRINSGODTLKGMHALKHSKTYHPPTVYQ	3633
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RESULT 5
US-10-232-858-73
; Sequence 73, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin-ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6855808uyuki
; APPLICANT: YASUDA, Hisataka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232.858
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915,004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 399
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-232-858-73

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Query Match	98.8%;	Score 396;	DB 2;	Length 399;
Best Local Similarity	100.0%;	Prod. No. 0;		
Matches 396;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
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QY	64	PCPDHYTTDSWHTSDDECLYCSPVCKEIQYVQKQCNRTNHRVCCEKGRYLIIEFCLKHRS	123	
Db	64	PCPDHYTTDSWHTSDDECLYCSPVCKEIQYVQKQCNRTNHRVCCEKGRYLIIEFCLKHRS	123	
QY	124	CPBPGVQVQATGTPERNVYCKRCBPBGFSNETHSKAPCRKHNKCSVFGILLTQKNATHDN	183	
Db	124	CPBPGVQVQATGTPERNVYCKRCBPBGFSNETHSKAPCRKHNKCSVFGILLTQKNATHDN	183	
QY	184	ICSGNSSTOKCGJIDVTLCEBAFRFPVPTFTPNMLSVLVNDNLPGRVNASEVERIKRQ	243	
Db	184	ICSGNSSTOKCGJIDVTLCEBAFRFPVPTFTPNMLSVLVNDNLPGRVNASEVERIKRQ	243	
QY	244	HSSEQTFOLLKMKHONKQDIVKTLIIDDILCENSVOHHGHANTFEQLRSIMESLP	303	
Db	244	HSSEQTFOLLKMKHONKQDIVKTLIIDDILCENSVOHHGHANTFEQLRSIMESLP	303	
QY	304	GKRYGADIDIEKTIYACKRPSDQILGLSLMLRKNGDOTLKGMLALGHSKTYHPKTYVO	363	
Db	304	GKRYGADIDIEKTIYACKRPSDQILGLSLMLRKNGDOTLKGMLALGHSKTYHPKTYVO	363	

Qy 364 SLKTIIRLHSFTMYKLYQKLFLEMTGNQVQSYKIS 399

Db 364 SLKTIIRLHSFTMYKLYQKLFLEMTGNQVQSYKIS 399

RESULT 6  
 US-09-338-063A-73  
 Sequence 73 Application US/09338063A  
 Patent No. 6619434  
 GENERAL INFORMATION:  
 APPLICANT: GOTO, Masaaki  
 APPLICANT: TSUDA, Eisuke  
 APPLICANT: MOCHIZUKI, Shin-ichi  
 APPLICANT: YANO, Kazuki  
 APPLICANT: KOBAYASHI, Fumie  
 APPLICANT: SHIMA, No. 6619434yuki  
 APPLICANT: YASUDA, Hiataaka  
 APPLICANT: NAKAGAWA, No. 6619434uaki  
 APPLICANT: MORINAGA, Tomonori  
 APPLICANT: UEDA, Masatsugu  
 APPLICANT: HIGASHIO, Kanji  
 TITLE OF INVENTION: Monoclonal Antibodies that Bind OC1F  
 FILE REFERENCE: 16991.005  
 CURRENT APPLICATION NUMBER: US/09/338.063A  
 CURRENT FILING DATE: 1999-06-23  
 PRIOR APPLICATION NUMBER: US 08/915,004  
 PRIOR FILING DATE: 1997-08-20  
 PRIOR APPLICATION NUMBER: PCT/JP96/00374  
 PRIOR FILING DATE: 1996-02-20  
 PRIOR APPLICATION NUMBER: JP 207508/1995  
 PRIOR FILING DATE: 1995-07-21  
 PRIOR APPLICATION NUMBER: JP 054977/1995  
 PRIOR FILING DATE: 1995-02-20  
 NUMBER OF SEQ ID NOS: 108  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 73  
 LENGTH: 399  
 TYPE: PRP  
 ORGANISM: Homo sapiens  
 US-09-338-063A-73

Query Match	98.8%	Score 396;	DB 2;	Length 399;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 396; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	4	LLCCALVFIDISIKMTTOETFFPKYLAHBEISHLLCDKCPGYTLKQCHTAAKIVCA	63
Db	4	LLCCALVFIDISIKMTTOETFFPKYLAHBEISHLLCDKCPGYTLKQCHTAAKIVCA	63
QY	64	PCPDHYTDSMHTSDECLYSPVCKELQYVQKCNRTNHRVCEKGEHYLEIEFLKHS	122
Db	64	PCPDHYTDSMHTSDECLYSPVCKELQYVQKCNRTNHRVCEKGEHYLEIEFLKHS	122
QY	124	CPBGFVYVQAGTERNTTVCCKRCPDGFFSNMETSskaPCRHTNCSFGLLLQKGNATHDN	183
Db	124	CPBGFVYVQAGTERNTTVCCKRCPDGFFSNMETSskaPCRHTNCSFGLLLQKGNATHDN	183
QY	184	ICGSNSBSTQKCGIDVTLCEAFFRFAVPTKTPMNLSTVDNLGCTGVNASEVERIKQ	243
Db	184	ICGSNSBSTQKCGIDVTLCEAFFRFAVPTKTPMNLSTVDNLGCTGVNASEVERIKQ	243
QY	244	HSSOEQTFOQLKLMKHQNKODIVKTIIDIDILCENSVO RHIGHANLTFEOLRLSMLSP	303
Db	244	HSSOEQTFOQLKLMKHQNKODIVKTIIDIDILCENSVO RHIGHANLTFEOLRLSMLSP	303
QY	304	GKRVGAEDEIKTICKACPSDQILKILSLMRINQDQTLKGMALKHSKTYHPKTVQ	363
Db	304	GKRVGAEDEIKTICKACPSDQILKILSLMRINQDQTLKGMALKHSKTYHPKTVQ	363
QY	364	SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVOSVKIS	399
Db	364	SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVOSVKIS	399

```

RESULT 7
US-10-232-858-66
; Sequence 66, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6855808uyuki
; APPLICANT: YASUDA, Hisataka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OR INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232,858
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 06/915,004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-232-858-66

```

Query Match	98.8%;	Score 396;	DB 2;	Length 401;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 396;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4	LJLCCALVFADJISIKMTTQETPEPPKLYAHDEBESHQJLDCDKCPGTYLKHOTJAAKMYCA	63
Db	4	LJLCCALVFADJISIKMTTQETPEPPKLYAHDEBESHQJLDCDKCPGTYLKHOTJAAKMYCA	63
QY	64	PCPDHYTYSMTSDECLYCSPVCKELOLYVQECNRTNRYVCECKEGRYLBIEFCLGHS	123
Db	64	PCPDHYTYSMTSDECLYCSPVCKELOLYVQECNRTNRYVCECKEGRYLBIEFCLGHS	123
QY	124	CPBGFVVOAGPBNATYCKCPDGFSENFESSKAPCKKHNCVFGILLTQKGNATHDN	183
Db	124	CPBGFVVOAGPBNATYCKCPDGFSENFESSKAPCKKHNCVFGILLTQKGNATHDN	183
QY	184	ICSGNSESQKCGIDVTACEAFAFPAPKPTPMNLVLDNI.PGTRVNAESVERIKRQ	243
Db	184	ICSGNSESQKCGIDVTACEAFAFPAPKPTPMNLVLDNI.PGTRVNAESVERIKRQ	243
QY	244	HSSQEQTFQLKLMLKHONKODIVKCI.IODIDL.CENSVOIRIGHANITFEQLRSJMESLP	303
Db	244	HSSQEQTFQLKLMLKHONKODIVKCI.IODIDL.CENSVOIRIGHANITFEQLRSJMESLP	303
QY	304	GKKVGADEIETIKKCKPSDQILKJLSJMRJKNGDQDTLKGJMALGHSKTYHPKTVQ	363
Db	304	GKKVGADEIETIKKCKPSDQILKJLSJMRJKNGDQDTLKGJMALGHSKTYHPKTVQ	363
QY	364	SLKTIIRFLHSTMYKLYQKLFLEMIGNOVOSVYIS	399
Db	364	SLKTIIRFLHSTMYKLYQKLFLEMIGNOVOSVYIS	399

RESULT 8  
US-09-338-063A-66  
: Sequence 66, Application US/09338063A  
: Patent No. 6919434  
: GENERAL INFORMATION:  
: APPLICANT: GOTO, Masaaki

```

; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6919434yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatengu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
; FILE REFERENCE: 16991.005
; CURRENT APPLICATION NUMBER: US/09/338, 063A
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: JP 207508/1995
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: JP 054977/1995
; PRIOR FILING DATE: 1995-02-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-338-063A-66

```

```

Query Match      98.8%; Score 396; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 4 LTLCAVLFDLSIKMTQETFPPEKYLHYDEBTSQHLCDKCPETYLKQCTAKMTVCA 63
DB 4 LTLCAVLFDLSIKMTQETFPPEKYLHYDEBTSQHLCDKCPETYLKQCTAKMTVCA 63
QY 64 PCDDHYTDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRS 123
DB 64 PCDDHYTDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRS 123
QY 124 CPFGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHN 183
DB 124 CPFGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHN 183
QY 184 ICSGNSBSTQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQ 243
DB 184 ICSGNSBSTQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQ 243
QY 244 HSSQEQTFOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP 303
DB 244 HSSQEQTFOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP 303
QY 304 GKRYGABDIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVIQ 363
DB 304 GKRYGABDIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVIQ 363
QY 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKIS 399
DB 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKIS 399

```

```

RESULT 9
US-10-232-858-106
; Sequence 106, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie

```

```

; APPLICANT: SHIMA, No. 6855808yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatengu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232, 858
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 391
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-232-858-106

```

```

Query Match      97.5%; Score 391; DB 2; Length 391;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 391; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 11 FLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPETYLKQCTAKMTVCAPCPDHY 70
DB 1 FLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPETYLKQCTAKMTVCAPCPDHY 70
QY 71 TDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRSQPGFV 130
DB 71 TDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRSQPGFV 130
QY 61 TDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRSQPGFV 120
DB 61 TDSMHTSDECLYSPCKELQYVKQECNRTHNVCEKEERYEIEFCLHRSQPGFV 120
QY 131 VQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHNICSNS 190
DB 131 VQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHNICSNS 190
QY 121 VQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHNICSNS 180
DB 121 VQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHNICSNS 180
QY 191 STQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQHSQEQ 250
DB 191 STQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQHSQEQ 250
QY 181 STQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQHSQEQ 240
DB 181 STQKCGIDVTLCBAFFRFAVPTKFTPNMLSVLVDNLPGTKVAESVERIKRQHSQEQ 240
QY 251 FOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP GKRYGAE 310
DB 251 FOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP GKRYGAE 310
QY 241 FOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP GKRYGAE 300
DB 241 FOLKLKMKQKQODIVKLIQDIDICENSVOHIGHANTFQOLSLMESLP GKRYGAE 300
QY 311 DIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVOSLKTIR 370
DB 311 DIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVOSLKTIR 370
QY 301 DIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVOSLKTIR 360
DB 301 DIEKTIKACRPSQIILKLSLWRIKNGDDOTTLKGLMHALKSXTYHPKTVOSLKTIR 360
QY 371 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 401
DB 371 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 401
QY 361 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 391
DB 361 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 391

```

```

RESULT 10
US-09-338-063A-106
; Sequence 106, Application US/09338063A
; Patent No. 6919434
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6919434yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatengu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
; FILE REFERENCE: 16991.005

```

```
/ CURRENT APPLICATION NUMBER: US/09/338,063A
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR APPLICATION NUMBER: US 08/915,004
/ PRIOR FILING DATE: 1997-08-20
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: JP 207508/1995
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR APPLICATION NUMBER: JP 054977/1995
/ PRIOR FILING DATE: 1995-02-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 106
/ LENGTH: 391
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-338-063A-106

Query Match          97.5%; Score 391; DB 2; Length 391;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 391; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 FLDISIMWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVCAPCPDHY 70
DB 1 FLDISIMWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVCAPCPDHY 60

QY 71 TDSMHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHSRCPFGV 130
DB 61 TDSMHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHSRCPFGV 120

QY 131 VQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI 190
DB 121 VQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI 180

QY 191 STQCGIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQHSQEQ 250
DB 181 STQCGIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQHSQEQ 240

QY 251 FOLKLMKQKQNDODIVKIIQDIDLCENSVORHIGHANLTFEQLSLMESLPGKYVGA 310
DB 241 FOLKLMKQKQNDODIVKIIQDIDLCENSVORHIGHANLTFEQLSLMESLPGKYVGA 300

QY 311 DIETIKACKPSDQILKLISLWRIKQNDODTLKGLMHALKSKTYHPKTYVTSIKKTI 370
DB 301 DIETIKACKPSDQILKLISLWRIKQNDODTLKGLMHALKSKTYHPKTYVTSIKKTI 360

QY 371 FLHSFTMYKLYOKLPLEMIGNOVSVKISCL 401
DB 361 FLHSFTMYKLYOKLPLEMIGNOVSVKISCL 391

RESULT 11
US-10-232-858-79
/ Sequence 79, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991,004
/ CURRENT APPLICATION NUMBER: US/10/232,858
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
```

```
/ PRIOR APPLICATION NUMBER: 08/915,004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 79
/ LENGTH: 393
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-79

Query Match          96.8%; Score 388; DB 2; Length 393;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 388; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LILCALVPLDISIKMTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVC 63
DB 4 LILCALVPLDISIKMTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVC 63

QY 64 PCPDHYTTSWHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHS 123
DB 64 PCPDHYTTSWHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHS 123

QY 124 CPDGFVQVQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHD 183
DB 124 CPDGFVQVQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHD 183

QY 184 ICSGNESTQKCIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQ 243
DB 184 ICSGNESTQKCIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQ 243

QY 244 HSSQEQTFOLKLMKQKQNDODIVKIIQDIDLCENSVORHIGHANLTFEQLSLMESLP 303
DB 244 HSSQEQTFOLKLMKQKQNDODIVKIIQDIDLCENSVORHIGHANLTFEQLSLMESLP 303

QY 304 GKRVGAEDEIKTIKACKPSDQILKLISLWRIKQNDODTLKGLMHALKSKTYHPKTYV 363
DB 304 GKRVGAEDEIKTIKACKPSDQILKLISLWRIKQNDODTLKGLMHALKSKTYHPKTYV 363

QY 364 SLKKTIRFLHSFTMYKLYOKLPLEMIGN 391
DB 364 SLKKTIRFLHSFTMYKLYOKLPLEMIGN 391

RESULT 12
US-09-338-063A-79
/ Sequence 79, Application US/09338063A
/ Patent No. 6919434
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6919434uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6919434uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
/ FILE REFERENCE: 16991,005
/ CURRENT APPLICATION NUMBER: US/09/338,063A
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR APPLICATION NUMBER: US 08/915,004
/ PRIOR FILING DATE: 1997-08-20
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: JP 207508/1995
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR APPLICATION NUMBER: JP 054977/1995
/ PRIOR FILING DATE: 1995-02-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
```

SEQ ID NO 79  
LENGTH: 393  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-338-063A-79

Query Match 96.8%; Score 380; DB 2; Length 393;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 4 LLLCALVFLDISIKMTTQETFPFKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCA 63
DB 4 LLLCALVFLDISIKMTTQETFPFKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCA 63
QY 64 PCPDHYTDSMHTSDCLYCSPVCKEIQYKQECNRTHNVCECKERYLIEFCLKHS 123
DB 64 PCPDHYTDSMHTSDCLYCSPVCKEIQYKQECNRTHNVCECKERYLIEFCLKHS 123
QY 124 CPFGVAVQAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
DB 124 CPFGVAVQAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
QY 184 ICSGNSBSTQKCGIDVTLCGEAFRRFAVPTKFTPNMLSVLVNDLPQTKVAESVERIKRQ 243
DB 184 ICSGNSBSTQKCGIDVTLCGEAFRRFAVPTKFTPNMLSVLVNDLPQTKVAESVERIKRQ 243
QY 244 HSDQEQTFOLKLMKQKQKODIVKLIQDIDLCNSVQRHIGHANTFEQLRSIMESLP 303
DB 244 HSDQEQTFOLKLMKQKQKODIVKLIQDIDLCNSVQRHIGHANTFEQLRSIMESLP 303
QY 304 GKKGADIEKTIKACKPSDQILKLSLWRIKXGDDOTLKGMLALKHSKTYHFPKTYVQ 363
DB 304 GKKGADIEKTIKACKPSDQILKLSLWRIKXGDDOTLKGMLALKHSKTYHFPKTYVQ 363
QY 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGN 391
DB 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGN 391
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## RESULT 13

US-10-232-858-4  
Sequence 4, Application US/10232858  
Patent No. 6855808  
GENERAL INFORMATION:  
APPLICANT: GOTO, Masaaki  
APPLICANT: TSUDA, Eisuke  
APPLICANT: MOCHIZUKI, Shin'ichi  
APPLICANT: YANO, Kazuki  
APPLICANT: KOBAYASHI, Fumie  
APPLICANT: SHIMA, No. 6855808uyuki  
APPLICANT: YASUDA, Hiastaka  
APPLICANT: NAKAGAWA, No. 6855808uaki  
APPLICANT: MORINAGA, Tomonori  
APPLICANT: UEDA, Masatengu  
APPLICANT: HIGASHIO, Kanji  
TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins  
FILE REFERENCE: 16991.004  
CURRENT APPLICATION NUMBER: US/10/232,858  
PRIOR FILING DATE: 2002-09-03  
PRIOR APPLICATION NUMBER: PCT/JP96/00374  
PRIOR FILING DATE: 1996-02-20  
PRIOR APPLICATION NUMBER: 08/915,004  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 380  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-232-858-4

Query Match 94.8%; Score 380; DB 2; Length 380;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 82 YCSPVCKEIQYKQECNRTHNVCECKERYLIEFCLKHSRCPGAVQAGTERNTV 141
DB 61 YCSPVCKEIQYKQECNRTHNVCECKERYLIEFCLKHSRCPGAVQAGTERNTV 120
QY 142 CKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDNICSGNSBSTQKCGIDVT 201
DB 121 CKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDNICSGNSBSTQKCGIDVT 180
QY 202 CEBAFFRFAVPTKFTPNMLSVLVNDLPQTKVAESVERIKRQSSQEQTFOLKLMKQ 261
DB 181 CEBAFFRFAVPTKFTPNMLSVLVNDLPQTKVAESVERIKRQSSQEQTFOLKLMKQ 240
QY 262 KQDQIVKTIQDIDLCNSVQRHIGHANTFEQLRSIMESLPKKGADIEKTIKACKP 321
DB 241 KQDQIVKTIQDIDLCNSVQRHIGHANTFEQLRSIMESLPKKGADIEKTIKACKP 300
QY 322 SDQILKLSLWRIKXGDDOTLKGMLALKHSKTYHFPKTYVQSLKKTIRFLHSFTMYK 381
DB 301 SDQILKLSLWRIKXGDDOTLKGMLALKHSKTYHFPKTYVQSLKKTIRFLHSFTMYK 360
QY 382 QKLFLEMIGNQVSVKISCL 401
DB 361 QKLFLEMIGNQVSVKISCL 380
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## RESULT 14

US-09-338-063A-4  
Sequence 4, Application US/09338063A  
Patent No. 6919434  
GENERAL INFORMATION:  
APPLICANT: GOTO, Masaaki  
APPLICANT: TSUDA, Eisuke  
APPLICANT: MOCHIZUKI, Shin'ichi  
APPLICANT: YANO, Kazuki  
APPLICANT: KOBAYASHI, Fumie  
APPLICANT: SHIMA, No. 6919434uyuki  
APPLICANT: YASUDA, Hiastaka  
APPLICANT: NAKAGAWA, No. 6919434uaki  
APPLICANT: MORINAGA, Tomonori  
APPLICANT: UEDA, Masatengu  
APPLICANT: HIGASHIO, Kanji  
TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
FILE REFERENCE: 16991.005  
CURRENT APPLICATION NUMBER: US/09/338,063A  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: US 08/915,004  
PRIOR FILING DATE: 1997-08-20  
PRIOR APPLICATION NUMBER: PCT/JP96/00374  
PRIOR FILING DATE: 1996-02-20  
PRIOR APPLICATION NUMBER: JP 207508/1995  
PRIOR FILING DATE: 1995-07-21  
PRIOR APPLICATION NUMBER: JP 054977/1995  
PRIOR FILING DATE: 1995-02-20  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 380  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-338-063A-4

Query Match 94.8%; Score 380; DB 2; Length 380;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPPKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCAQCPDHYTDSMHTSDCL 81  
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Db      61  YCSFVCKELQYKQECNRTNRYVCECKEGRYLEIEFCLKRSQCPGPGVVOAGTPERNTV 120
QY      142  CKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI CSGNSESTQKCGIDVTL 201
Db      121  CKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI CSGNSESTQKCGIDVTL 180
QY      202  CEEAFRRFPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRHSQEQTFQLLKMKNQV 261
Db      181  CEEAFRRFPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRHSQEQTFQLLKMKNQV 240
QY      262  KDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLPGRKVGAEDEIKTIKACP 321
Db      241  KDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLPGRKVGAEDEIKTIKACP 300
QY      322  SDQILKLLSLMRKNGDQDTLKGLMHALKSKTYHPKVTYQSLKKTIRFLHSFTMYKLY 381
Db      301  SDQILKLLSLMRKNGDQDTLKGLMHALKSKTYHPKVTYQSLKKTIRFLHSFTMYKLY 360
QY      382  QKLFLEMIGNQVSXKISCL 401
Db      361  QKLFLEMIGNQVSXKISCL 380

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RESULT 15
US-10-232-858-74
/ Sequence 74, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ APPLICANT: HIGASHIO, Kanji
/ TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991.004
/ CURRENT APPLICATION NUMBER: US/10/232,858
/ CURRENT FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: 08/915,004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 74
/ LENGTH: 351
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-74

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Query Match      86.8%; Score 348; DB 2; Length 351;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 348; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      64  PCPDHYTDSMHTSDECLYCSFVCKELQYKQECNRTNRYVCECKEGRYLEIEFCLKRS 123
QY      124  CPPGFGVVOAGTPERNTVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDN 183
Db      124  CPPGFGVVOAGTPERNTVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDN 183

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Db      124  CPPGFGVVOAGTPERNTVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDN 183
QY      184  ICSGNSESTQKCGIDVTLCEEAFRRFPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRQ 243
Db      184  ICSGNSESTQKCGIDVTLCEEAFRRFPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRQ 243
QY      244  HSSQEQTFQLLKMKNQNDQDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLP 303
Db      244  HSSQEQTFQLLKMKNQNDQDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLP 303
QY      304  GKRVGADEIETIKACKPSDQILKLLSLMRKNGDQDTLKGLMHALKH 351
Db      304  GKRVGADEIETIKACKPSDQILKLLSLMRKNGDQDTLKGLMHALKH 351

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Search completed: February 8, 2006, 15:33:33
Job time : 51 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on: February 8, 2006, 15:05:09 ; Search time 177 Seconds

(without alignments)  
946.608 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 2200  
Sequence: 1 MNKLLCALVFLDISIKWT.....OKLFLFMIGNVGSVKISCL 401

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA Main:

- 1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/US11\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2200	100.0	401	US-10-066-209-1	Sequence 1, Appli
2	2200	100.0	401	US-10-105-934-2	Sequence 2, Appli
3	2200	100.0	401	US-10-164-592-2	Sequence 2, Appli
4	2200	100.0	401	US-10-044-674-3	Sequence 3, Appli
5	2200	100.0	401	US-10-322-673-5	Sequence 5, Appli
6	2200	100.0	401	US-10-139-785-5	Sequence 5, Appli
7	2200	100.0	401	US-10-895-676-2	Sequence 2, Appli
8	2200	100.0	401	US-10-986-046-5	Sequence 5, Appli
9	2200	100.0	401	US-10-986-047-5	Sequence 5, Appli
10	2200	100.0	401	US-10-966-845-2	Sequence 5, Appli
11	2200	100.0	401	US-10-775-204-528	Sequence 528, App
12	2200	100.0	401	US-10-775-204-529	Sequence 529, App
13	2200	100.0	401	US-10-775-204-542	Sequence 542, App
14	2200	100.0	401	US-10-775-204-1238	Sequence 1238, Ap
15	2200	100.0	401	US-10-775-204-1239	Sequence 1239, Ap
16	2200	100.0	401	US-10-775-204-1240	Sequence 1240, Ap
17	2200	100.0	401	US-10-775-204-1241	Sequence 1241, Ap
18	2200	100.0	401	US-10-775-204-1242	Sequence 1242, Ap
19	2200	100.0	401	US-10-775-204-1243	Sequence 1243, Ap
20	2200	100.0	401	US-10-775-204-1244	Sequence 1244, Ap
21	2200	100.0	401	US-10-775-204-1245	Sequence 1245, Ap
22	2200	100.0	401	US-10-981-465-5	Sequence 5, Appli
23	2200	100.0	401	US-10-981-621-5	Sequence 5, Appli
24	2200	100.0	401	US-10-981-673-5	Sequence 5, Appli
25	2200	100.0	401	US-10-981-691-5	Sequence 5, Appli
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32	2195	99.8	401	4	US-10-364-045-1	Sequence 1, Appli
33	2195	99.8	401	4	US-10-232-858-5	Sequence 5, Appli
34	2195	99.8	401	4	US-10-377-076-1	Sequence 1, Appli
35	2195	99.8	401	4	US-10-785-109-5	Sequence 5, Appli
36	2195	99.8	401	4	US-10-785-114-5	Sequence 5, Appli
37	2195	99.8	401	5	US-10-929-958-5	Sequence 5, Appli
38	2195	99.8	401	5	US-10-929-748-5	Sequence 5, Appli
39	2195	99.8	401	5	US-10-979-303-5	Sequence 5, Appli
40	2195	99.8	401	5	US-10-979-654-5	Sequence 5, Appli
41	2192	99.6	401	3	US-09-405-032-125	Sequence 125, App
42	2192	99.6	401	4	US-10-151-071-8	Sequence 8, Appli
43	2192	99.6	401	4	US-10-467-243-2	Sequence 2, Appli
44	2192	99.6	401	5	US-10-129-595-3	Sequence 3, Appli
45	2192	99.6	401	5	US-10-966-845-4	Sequence 4, Appli

ALIGNMENTS

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RESULT 1
US-10-066-209-1
; Sequence 1, Application US/10066209
; Publication No. US20020115110A1
; GENERAL INFORMATION:
; APPLICANT: Brigham-Burke, Michael R.
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; FILE REFERENCE: GH-50030-D1
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US/10/066, 209
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055, 513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056, 980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057, 550
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-10-066-209-1
Query Match      100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1.2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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HRSCEPFGVVOACTPERNTVCCKCPDGFSENETSRAPCKRHTNCSVFGLLTQKGNAT 180
121 HRSCEPFGVVOACTPERNTVCCKCPDGFSENETSRAPCKRHTNCSVFGLLTQKGNAT 180
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181 HDNICSNSSTQKCGIDVTLCERAFPRFAVPYKFTNWLISVLVDNIPGYNAESYERI 240
HDNICSNSSTQKCGIDVTLCERAFPRFAVPYKFTNWLISVLVDNIPGYNAESYERI 240
181 HDNICSNSSTQKCGIDVTLCERAFPRFAVPYKFTNWLISVLVDNIPGYNAESYERI 240
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241 KROHSSQEQFOLLKMKHONKODIVKYLIIODIDLQENSQRIIGHANITFEQLRSIME 300
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Db 241 KRQSSQEQTFQLLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300  
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Db 301 SLPGKKVGAEDIEKTIKACPSDQILKLSLWRIKNGDDPTLKGMLALHGSTYHPKPT 360  
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNQVSVKISCL 401  
Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNQVSVKISCL 401

RESULT 2  
US-10-934-2  
; Sequence 2, Application US/10105934  
; Publication No. US20020150988A1  
; GENERAL INFORMATION:  
; APPLICANT: McCarthy, Sean A.  
; Holzman, Douglas  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE FTHMA-070-  
RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN  
FAMILY AND USES THEREOF  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: PaeCSQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/105.934  
; FILING DATE: 25-Mar-2002  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/062.389  
; FILING DATE: 17-Apr-1998  
; APPLICATION NUMBER: 60/062.017  
; FILING DATE: 10-OCT-1997  
; APPLICATION NUMBER: 60/044.746  
; FILING DATE: 18-Apr-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Melklejohn, Anita L.  
; REGISTRATION NUMBER: 35,283  
; REFERENCE/DOCKET NUMBER: 09404/051001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELEFAX: 617/542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 401 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FRAGMENT TYPE: internal  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-934-2

Query Match 100.0%; Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 VCAPCPDHYTDSWHTSDDECLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120

QY 121 HRSCEPFGVQAGTEPERNTVCRCPCDGPFSNETSAPCRKHTNCSVFELLTQKGNAT 180  
Db 121 HRSCEPFGVQAGTEPERNTVCRCPCDGPFSNETSAPCRKHTNCSVFELLTQKGNAT 180  
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Db 181 HDNICGNSSESTQKCIDVTLCGEAFPRFVPTKFTPNMLSVLDMLPGTKVAASVERI 240  
QY 241 KRQSSQEQTFQLLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300  
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Db 301 SLPGKKVGAEDIEKTIKACPSDQILKLSLWRIKNGDDPTLKGMLALHGSTYHPKPT 360  
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNQVSVKISCL 401  
Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNQVSVKISCL 401

RESULT 3  
US-10-164-592-2  
; Sequence 2, Application US/10164592  
; Publication No. US20020150989A1  
; GENERAL INFORMATION:  
; APPLICANT: Greene, John M.  
; Applicant: Fleischmann, Robert D.  
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor  
; FILE REFERENCE: 1488.0710007  
; CURRENT APPLICATION NUMBER: US/10/164.592  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 08/469,637  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US95/03216  
; PRIOR FILING DATE: 1995-03-15  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-164-592-2

Query Match 100.0%; Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60  
Db 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60  
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Db 61 VCAPCPDHYTDSWHTSDDECLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120  
QY 121 HRSCEPFGVQAGTEPERNTVCRCPCDGPFSNETSAPCRKHTNCSVFELLTQKGNAT 180  
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Db 241 KRQSSQEQTFQLLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300  
QY 301 SLPGKKVGAEDIEKTIKACPSDQILKLSLWRIKNGDDPTLKGMLALHGSTYHPKPT 360  
Db 301 SLPGKKVGAEDIEKTIKACPSDQILKLSLWRIKNGDDPTLKGMLALHGSTYHPKPT 360

Qy 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 4  
US-10-044-674-3  
Sequence 3, Application US/10044674  
Publication No. US20030175710A1  
GENERAL INFORMATION:  
APPLICANT: Chew, Anne  
APPLICANT: Denton, R. Rex  
APPLICANT: Bielecki, Karyn M  
APPLICANT: Nandabalan, Krishnan  
APPLICANT: Stephens, J. Claiborne  
TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE  
FILE REFERENCE: TNFRSF11B-MIM-000105 (CIP)  
CURRENT FILING DATE: 2002-01-09  
PRIORITY FILING DATE: 2002-01-09  
PRIORITY FILING DATE: 2000-07-10  
NUMBER OF SEQ ID NOS: 94  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-044-674-3

Query Match 100.0%; Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1,2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTQETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60  
Db 1 MNKLCCALVFLDISIKMTQETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60  
Qy 61 VCAPCPDHYTDSNHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLEIEFCLK 120  
Db 61 VCAPCPDHYTDSNHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLEIEFCLK 120  
Qy 121 HRSCPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Db 121 HRSCPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Qy 121 HRSGPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Db 121 HRSGPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Qy 181 HDNCSGNSSTQCGIDVTLCEBAFRFAVPTKFTNMLSVLDNLPGTKVNAESVERI 240  
Db 181 HDNCSGNSSTQCGIDVTLCEBAFRFAVPTKFTNMLSVLDNLPGTKVNAESVERI 240  
Qy 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Qy 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Qy 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKPT 360  
Db 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKPT 360  
Qy 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 5  
US-10-322-673-5  
Sequence 5, Application US/10322673  
Publication No. US20030180296A1  
GENERAL INFORMATION:  
APPLICANT: Salcedo et al.  
TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
FILE REFERENCE: PF585  
PRIORITY FILING DATE: 2002-12-19

PRIOR APPLICATION NUMBER: 60/341,237  
PRIOR FILING DATE: 2001-12-20  
PRIOR APPLICATION NUMBER: 60/369,877  
PRIOR FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 60/384,828  
PRIOR FILING DATE: 2002-06-04  
PRIOR APPLICATION NUMBER: 60/396,591  
PRIOR FILING DATE: 2002-07-18  
PRIOR APPLICATION NUMBER: 60/403,370  
PRIOR FILING DATE: 2002-08-15  
PRIOR APPLICATION NUMBER: 60/425,737  
PRIOR FILING DATE: 2002-11-13  
NUMBER OF SEQ ID NOS: 72  
SEQ ID NO 5  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-322-673-5

Query Match 100.0%; Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1,2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTQETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60  
Db 1 MNKLCCALVFLDISIKMTQETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60  
Qy 61 VCAPCPDHYTDSNHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLEIEFCLK 120  
Db 61 VCAPCPDHYTDSNHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLEIEFCLK 120  
Qy 121 HRSCPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Db 121 HRSCPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Qy 121 HRSGPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Db 121 HRSGPFGVYVQACTPERNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180  
Qy 181 HDNCSGNSSTQCGIDVTLCEBAFRFAVPTKFTNMLSVLDNLPGTKVNAESVERI 240  
Db 181 HDNCSGNSSTQCGIDVTLCEBAFRFAVPTKFTNMLSVLDNLPGTKVNAESVERI 240  
Qy 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Qy 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KRQHSSEQOTFOLLKMKHQNKDQDIYKTIIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Qy 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKPT 360  
Db 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKPT 360  
Qy 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 6  
US-10-139-785-5  
Sequence 5, Application US/10139785  
Publication No. US20030190685A1  
GENERAL INFORMATION:  
APPLICANT: Salcedo et al.  
TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
FILE REFERENCE: PF550  
CURRENT APPLICATION NUMBER: US/10/139,785  
CURRENT FILING DATE: 2002-05-07  
PRIOR APPLICATION NUMBER: 60/369,860  
PRIOR FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 60/341,237  
PRIOR FILING DATE: 2001-12-20  
PRIOR APPLICATION NUMBER: 60/331,310  
PRIOR FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/331,044  
PRIOR FILING DATE: 2001-11-07  
PRIOR APPLICATION NUMBER: 60/327,364  
PRIOR FILING DATE: 2001-10-09

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; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-139-785-5

Query Match      100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPFKYLHYDEBTSQQLCDKCPGTYLKQHCIAKMT 60
DB 1 MNLLCCALVFLDISIKMTTQETFPFKYLHYDEBTSQQLCDKCPGTYLKQHCIAKMT 60
QY 61 VCAAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQCNRTNHNVCCEKGRYLEIEPCK 120
DB 61 VCAAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQCNRTNHNVCCEKGRYLEIEPCK 120
QY 121 HRSCPPGFGVVOAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSNGSESTQKCGIDVTLCCEAFRRFAVPTFTPNMISLVLDNLPGTKVAESYERI 240
DB 181 HDNIGSNGSESTQKCGIDVTLCCEAFRRFAVPTFTPNMISLVLDNLPGTKVAESYERI 240
QY 241 KROHSSOEOTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPEQLRSLME 300
DB 241 KROHSSOEOTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPEQLRSLME 300
QY 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKT 360
DB 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 7
US-10-895-676-2
; Sequence 2, Application US/10895676
; Publication No. US20050032172A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMMA-070-
; RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fleh & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Discrete
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Faeseq for Windows Version 2.0
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/10/895,676
; FILING DATE: 21-Jul-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/105,934
; FILING DATE: 25-Mar-2002
; APPLICATION NUMBER: US/09/062,389
; FILING DATE: 17-Apr-1998
; APPLICATION NUMBER: 60/062,017
; FILING DATE: 10-Oct-1997
; APPLICATION NUMBER: 60/044,746
; FILING DATE: 18-Apr-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Melkijohn, Anita L.
; REGISTRATION NUMBER: 35,283
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULAR TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-895-676-2

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPFKYLHYDEBTSQQLCDKCPGTYLKQHCIAKMT 60
DB 1 MNLLCCALVFLDISIKMTTQETFPFKYLHYDEBTSQQLCDKCPGTYLKQHCIAKMT 60
QY 61 VCAAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQCNRTNHNVCCEKGRYLEIEPCK 120
DB 61 VCAAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQCNRTNHNVCCEKGRYLEIEPCK 120
QY 121 HRSCPPGFGVVOAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSNGSESTQKCGIDVTLCCEAFRRFAVPTFTPNMISLVLDNLPGTKVAESYERI 240
DB 181 HDNIGSNGSESTQKCGIDVTLCCEAFRRFAVPTFTPNMISLVLDNLPGTKVAESYERI 240
QY 241 KROHSSOEOTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPEQLRSLME 300
DB 241 KROHSSOEOTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPEQLRSLME 300
QY 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKT 360
DB 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 8
US-10-986-046-5
; Sequence 5, Application US/10986046
; Publication No. US20050129616A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE OF INVENTION: Receptors
; FILE REFERENCE: PF550P1D3
; CURRENT APPLICATION NUMBER: US/10/986,046
; CURRENT FILING DATE: 2004-11-12
```

```

; PRIOR APPLICATION NUMBER: 60/608,362
; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-046-5

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVPLDISIKMTQETPPPKYLAHDEBESHQLCDKCPPTGTYLKQHTAAMKT 60
DB 1 MNKLCCALVPLDISIKMTQETPPPKYLAHDEBESHQLCDKCPPTGTYLKQHTAAMKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKBCNRTNRYCECKEGRYLEIFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKBCNRTNRYCECKEGRYLEIFCLK 120
QY 121 HRSCPFGVYVQAGTPERNIVCKRCPDGPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPFGVYVQAGTPERNIVCKRCPDGPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNICSNSSESTQKCGIDVTLCEBAFFRAVPTFTPNMISLVYDNLPGTKVNAESYERI 240
DB 181 HDNICSNSSESTQKCGIDVTLCEBAFFRAVPTFTPNMISLVYDNLPGTKVNAESYERI 240
QY 241 KROHSSOEOTFOLKLMKHONKODIVKTIIDIDLCENSVOHHIGHANTLFEQLRLSIME 300
DB 241 KROHSSOEOTFOLKLMKHONKODIVKTIIDIDLCENSVOHHIGHANTLFEQLRLSIME 300
QY 301 SLPGKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAHKSKTYHPPT 360
DB 301 SLPGKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAHKSKTYHPPT 360
QY 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 9
US-10-986-047-5
; Sequence 5, Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: P550P1D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
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```

; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-047-5

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVPLDISIKMTQETPPPKYLAHDEBESHQLCDKCPPTGTYLKQHTAAMKT 60
DB 1 MNKLCCALVPLDISIKMTQETPPPKYLAHDEBESHQLCDKCPPTGTYLKQHTAAMKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKBCNRTNRYCECKEGRYLEIFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKBCNRTNRYCECKEGRYLEIFCLK 120
QY 121 HRSCPFGVYVQAGTPERNIVCKRCPDGPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPFGVYVQAGTPERNIVCKRCPDGPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNICSNSSESTQKCGIDVTLCEBAFFRAVPTFTPNMISLVYDNLPGTKVNAESYERI 240
DB 181 HDNICSNSSESTQKCGIDVTLCEBAFFRAVPTFTPNMISLVYDNLPGTKVNAESYERI 240
QY 241 KROHSSOEOTFOLKLMKHONKODIVKTIIDIDLCENSVOHHIGHANTLFEQLRLSIME 300
DB 241 KROHSSOEOTFOLKLMKHONKODIVKTIIDIDLCENSVOHHIGHANTLFEQLRLSIME 300
QY 301 SLPGKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAHKSKTYHPPT 360
DB 301 SLPGKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAHKSKTYHPPT 360
QY 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 10
US-10-966-845-2
; Sequence 2, Application US/10966845
; Publication No. US20050143301A1
; GENERAL INFORMATION:
; APPLICANT: Applied Research Systems ARS Holding N.V.
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi
; FILE REFERENCE: US 550 CIP
; CURRENT APPLICATION NUMBER: US/10/966,845
; CURRENT FILING DATE: 2004-10-15
; PRIOR APPLICATION NUMBER: BP02100364.5
; PRIOR FILING DATE: 2002-04-10
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;; PRIOR APPLICATION NUMBER: PCT/EP03/50080  
;; PRIOR FILING DATE: 2003-03-26  
;; NUMBER OF SEQ ID NOS: 13  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 2  
;; LENGTH: 401  
;; TYPE: PR  
;; ORGANISM: Homo sapiens  
US-10-966-845-2

Query Match 100.0%; Score 2200; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60  
DB 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60  
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYIEIFCLK 120  
DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYIEIFCLK 120  
QY 121 HRSCPFGVVOAGTERNTVCKRCPDGFPSTSSKAPCRKHTNCSVFGILLTQKGNAT 180  
DB 121 HRSCPFGVVOAGTERNTVCKRCPDGFPSTSSKAPCRKHTNCSVFGILLTQKGNAT 180  
QY 181 HDNIGSGNSESTQKCGIDVTLCEAFPRFVPTKFTPNMISLVLDNLPGTKVAESVERI 240  
DB 181 HDNIGSGNSESTQKCGIDVTLCEAFPRFVPTKFTPNMISLVLDNLPGTKVAESVERI 240  
QY 241 KROHSSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVQRIHGANLTFEQLSLME 300  
DB 241 KROHSSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVQRIHGANLTFEQLSLME 300  
QY 301 SLPGKRVGAEDIEKTIKACKPSDQILKLSLWRIKNGDQTLKGLMHALHGSKTYHPPKT 360  
DB 301 SLPGKRVGAEDIEKTIKACKPSDQILKLSLWRIKNGDQTLKGLMHALHGSKTYHPPKT 360  
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSVKISCL 401  
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSVKISCL 401

## RESULT 11

US-10-775-204-528  
;; Sequence 528, Application US/10775204  
;; Publication No. US2005018664A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Rosen, Craig A.  
;; APPLICANT: Haseltine, William A.  
;; APPLICANT: Turner, Andrew J.  
;; TITLE OF INVENTION: Albumin Fusion Proteins  
;; FILE REFERENCE: P564  
;; CURRENT APPLICATION NUMBER: US/10/775,204  
;; PRIOR APPLICATION NUMBER: 60/341,811  
;; PRIOR FILING DATE: 2001-12-21  
;; PRIOR APPLICATION NUMBER: 60/360,000  
;; PRIOR FILING DATE: 2002-02-28  
;; PRIOR APPLICATION NUMBER: 60/378,950  
;; PRIOR FILING DATE: 2002-05-10  
;; PRIOR APPLICATION NUMBER: 60/398,008  
;; PRIOR FILING DATE: 2002-07-24  
;; PRIOR APPLICATION NUMBER: 60/411,355  
;; PRIOR FILING DATE: 2002-09-18  
;; PRIOR APPLICATION NUMBER: 60/414,984  
;; PRIOR FILING DATE: 2002-10-02  
;; PRIOR APPLICATION NUMBER: 60/417,611  
;; PRIOR FILING DATE: 2002-10-11  
;; PRIOR APPLICATION NUMBER: 60/420,246  
;; PRIOR FILING DATE: 2002-10-23  
;; PRIOR APPLICATION NUMBER: 60/423,623

;; PRIOR FILING DATE: 2002-11-05  
;; PRIOR APPLICATION NUMBER: 60/351,360  
;; PRIOR FILING DATE: 2002-01-28  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 2222  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 528  
;; LENGTH: 401  
;; TYPE: PR  
;; ORGANISM: Homo sapiens  
US-10-775-204-528

Query Match 100.0%; Score 2200; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60  
DB 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60  
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYIEIFCLK 120  
DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYIEIFCLK 120  
QY 121 HRSCPFGVVOAGTERNTVCKRCPDGFPSTSSKAPCRKHTNCSVFGILLTQKGNAT 180  
DB 121 HRSCPFGVVOAGTERNTVCKRCPDGFPSTSSKAPCRKHTNCSVFGILLTQKGNAT 180  
QY 181 HDNIGSGNSESTQKCGIDVTLCEAFPRFVPTKFTPNMISLVLDNLPGTKVAESVERI 240  
DB 181 HDNIGSGNSESTQKCGIDVTLCEAFPRFVPTKFTPNMISLVLDNLPGTKVAESVERI 240  
QY 241 KROHSSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVQRIHGANLTFEQLSLME 300  
DB 241 KROHSSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVQRIHGANLTFEQLSLME 300  
QY 301 SLPGKRVGAEDIEKTIKACKPSDQILKLSLWRIKNGDQTLKGLMHALHGSKTYHPPKT 360  
DB 301 SLPGKRVGAEDIEKTIKACKPSDQILKLSLWRIKNGDQTLKGLMHALHGSKTYHPPKT 360  
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSVKISCL 401  
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSVKISCL 401

## RESULT 12

US-10-775-204-529  
;; Sequence 529, Application US/10775204  
;; Publication No. US2005018664A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Rosen, Craig A.  
;; APPLICANT: Haseltine, William A.  
;; APPLICANT: Turner, Andrew J.  
;; TITLE OF INVENTION: Albumin Fusion Proteins  
;; FILE REFERENCE: P564  
;; CURRENT APPLICATION NUMBER: US/10/775,204  
;; PRIOR APPLICATION NUMBER: 60/341,811  
;; PRIOR FILING DATE: 2001-12-21  
;; PRIOR APPLICATION NUMBER: 60/360,000  
;; PRIOR FILING DATE: 2002-02-28  
;; PRIOR APPLICATION NUMBER: 60/378,950  
;; PRIOR FILING DATE: 2002-05-10  
;; PRIOR APPLICATION NUMBER: 60/398,008  
;; PRIOR FILING DATE: 2002-07-24  
;; PRIOR APPLICATION NUMBER: 60/411,355  
;; PRIOR FILING DATE: 2002-09-18  
;; PRIOR APPLICATION NUMBER: 60/414,984  
;; PRIOR FILING DATE: 2002-10-02  
;; PRIOR APPLICATION NUMBER: 60/417,611  
;; PRIOR FILING DATE: 2002-10-11  
;; PRIOR APPLICATION NUMBER: 60/420,246

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/ PRIOR FILING DATE: 2002-10-23
/ PRIOR APPLICATION NUMBER: 60/423,623
/ PRIOR FILING DATE: 2002-11-05
/ PRIOR APPLICATION NUMBER: 60/351,360
/ PRIOR FILING DATE: 2002-01-28
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 2222
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 529
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-775-204-529

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Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVKECNRTNRYCECKEGRYLIEBCLK 120
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Db 121 HRSCPDPGVVQAGTPERNVTCRCPCPGFNSNETSSKAPCRKNTNCSVFGLLTQKNAT 180
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 13
US-10-775-204-542
/ Sequence 542, Application US/10775204
/ Publication No. US20050186664A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen, Craig A.
/ APPLICANT: Haseltine, William A.
/ APPLICANT: Balance, David J.
/ APPLICANT: Turner, Andrew J.
/ TITLE OF INVENTION: Albumin Fusion Proteins
/ FILE REFERENCE: PP564
/ CURRENT APPLICATION NUMBER: US/10/775,204
/ PRIOR FILING DATE: 2004-02-11
/ PRIOR APPLICATION NUMBER: 60/341,811
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: 60/360,000
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/378,950
/ PRIOR FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: 60/398,008
/ PRIOR FILING DATE: 2002-07-24
/ PRIOR APPLICATION NUMBER: 60/411,355
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 60/414,984
/ PRIOR FILING DATE: 2002-10-02
/ PRIOR APPLICATION NUMBER: 60/417,611
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/ PRIOR FILING DATE: 2002-10-11
/ PRIOR APPLICATION NUMBER: 60/420,246
/ PRIOR FILING DATE: 2002-10-23
/ PRIOR APPLICATION NUMBER: 60/423,623
/ PRIOR FILING DATE: 2002-11-05
/ PRIOR APPLICATION NUMBER: 60/351,360
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 2222
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 542
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-775-204-542

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Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MNKLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHTAKMKT 60
Cy 61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVKECNRTNRYCECKEGRYLIEBCLK 120
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Cy 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360
Db 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360
Cy 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360
Db 301 SLPGKKGADIEKTIKACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 14
US-10-775-204-1238
/ Sequence 1238, Application US/10775204
/ Publication No. US20050186664A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen, Craig A.
/ APPLICANT: Haseltine, William A.
/ APPLICANT: Balance, David J.
/ APPLICANT: Turner, Andrew J.
/ TITLE OF INVENTION: Albumin Fusion Proteins
/ FILE REFERENCE: PP564
/ CURRENT APPLICATION NUMBER: US/10/775,204
/ PRIOR FILING DATE: 2004-02-11
/ PRIOR APPLICATION NUMBER: 60/341,811
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: 60/360,000
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/378,950
/ PRIOR FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: 60/398,008
/ PRIOR FILING DATE: 2002-07-24
/ PRIOR APPLICATION NUMBER: 60/411,355
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 60/414,984
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; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1238
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-1238

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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        |||
DB      121 HRSCPPGFGVQAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTQGNAT 180

QY      121 HRSCPPGFGVQAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTQGNAT 180
        |||
DB      121 HRSCPPGFGVQAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTQGNAT 180

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DB      301 SLPGKRVGADIEKTIKACKPSDQILKLSLMRIKNGDQTLKGLMALHGSTYHPKPT 360

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DB      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401

RESULT 15
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; Sequence 1239, Application US/10775204
; Publication No. US2005018664A1
; GENERAL INFORMATION:
; APPLICANT: Roosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
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; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1239
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-1239

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MNKLCCALVFLDISIKMTTQETFPKYLHYDEETSHQLCDKCPGTYLKQHTAKMT 60
        |||
DB      1 MNKLCCALVFLDISIKMTTQETFPKYLHYDEETSHQLCDKCPGTYLKQHTAKMT 60

QY      61 VCAPCPDHYYTDSMHTSDCLYCSPVCKELQYVQKQECNRTHNRYCECKEGRYLEIEFCLK 120
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DB      181 HDNICSNGSESTQKCGIDVTLCCEAFPRFAVPKFTPNMLSVLVDNLPGTKVAESVERI 240

QY      241 KROHSSQEQTFQLLKLMKQNKQODIVKKIIQDIDLCENSVOHRIGHANLTFEQLSLME 300
        |||
DB      241 KROHSSQEQTFQLLKLMKQNKQODIVKKIIQDIDLCENSVOHRIGHANLTFEQLSLME 300

QY      301 SLPGKRVGADIEKTIKACKPSDQILKLSLMRIKNGDQTLKGLMALHGSTYHPKPT 360
        |||
DB      301 SLPGKRVGADIEKTIKACKPSDQILKLSLMRIKNGDQTLKGLMALHGSTYHPKPT 360

QY      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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DB      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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Job time : 179 secs



November 2005

Published\_Applications Nucleic Acid and Published\_Applications Amino Acid database searches now generate two sets of results each. The Published\_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases; older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions **.rnpbm** (Published\_Applications\_NA\_Main) and **.rnpbn** (Published\_Applications\_NA\_New).

Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions **.rapbm** (Published\_Applications\_AA\_Main) and **.rapbn** (Published\_Applications\_AA\_New).

Handwritten text, possibly a signature or date, oriented vertically.

GenCore version 5.1.7  
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OM protein - protein search, using sw model

Run on: February 8, 2006, 15:44:05 ; Search time 178 Seconds

(Without alignments)  
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Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size : 30

Total number of hits satisfying chosen parameters: 315

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: blasting first 1000 summaries

Database :

Published Applications AA Main: \*  
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6: /cgn2\_6/prodata/1/pubpaa/US11\_PUBCOMB.pep: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

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4	401	100.0	401	4 US-10-044-674-3	Sequence 3, App11
5	401	100.0	401	4 US-10-332-673-5	Sequence 5, App11
6	401	100.0	401	4 US-10-139-785-5	Sequence 5, App11
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12	401	100.0	401	5 US-10-775-204-529	Sequence 529, App
13	401	100.0	401	5 US-10-775-204-542	Sequence 542, App
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17	401	100.0	401	5 US-10-775-204-1241	Sequence 1241, Ap
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81	380	94.8	380	5 US-10-979-654-4	Sequence 4, App11
82	380	94.8	612	5 US-10-966-845-13	Sequence 53, App
83	380	94.8	989	5 US-10-775-204-313	Sequence 13, App1
84	380	94.8	989	5 US-10-775-204-313	Sequence 13, App
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86	358	86.8	351	3 US-09-062-113-74	Sequence 74, App1
87	348	86.8	351	4 US-10-232-658-74	Sequence 74, App1
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89	348	86.8	351	4 US-10-785-114-74	Sequence 74, App1
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91	348	86.8	351	5 US-10-929-958-74	Sequence 74, App1
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93	348	86.8	351	5 US-10-979-654-74	Sequence 74, App1
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95	340	84.8	924	5 US-10-775-204-1236	Sequence 1230, Ap
96	338	84.3	360	3 US-09-062-113-67	Sequence 67, App1
97	338	84.3	360	4 US-10-232-658-67	Sequence 67, App1
98	338	84.3	360	4 US-10-785-109-67	Sequence 67, App1
99	338	84.3	360	4 US-10-785-114-67	Sequence 67, App1
100	338	84.3	360	5 US-10-929-958-67	Sequence 67, App1

101	338	84.3	360	5	US-10-929-748-67	Sequence 67, App1	174	290	72.3	362	5	US-10-979-654-11	Sequence 11, App1
102	338	84.3	360	5	US-10-979-303-67	Sequence 67, App1	175	299	69.6	380	4	US-09-405-032-139	Sequence 139, App
103	338	84.3	360	5	US-10-979-654-67	Sequence 67, App1	176	279	69.6	380	4	US-10-676-358-1	Sequence 1, App1
104	335	78.6	321	3	US-09-062-113-80	Sequence 80, App1	177	279	69.6	380	5	US-10-762-159-139	Sequence 139, App
105	335	78.6	321	4	US-10-232-858-80	Sequence 80, App1	178	279	69.6	337	4	US-10-676-358-6	Sequence 6, App1
106	335	78.6	321	4	US-10-785-109-80	Sequence 80, App1	179	270	67.3	327	4	US-09-062-113-72	Sequence 72, App1
107	335	78.6	321	4	US-10-785-114-80	Sequence 80, App1	180	270	67.3	327	4	US-10-232-858-72	Sequence 72, App1
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112	335	78.6	401	3	US-09-062-113-65	Sequence 65, App1	185	270	67.3	327	5	US-10-979-303-72	Sequence 72, App1
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114	335	78.6	401	4	US-10-785-109-65	Sequence 65, App1	187	269	67.1	272	4	US-09-062-113-75	Sequence 75, App1
115	335	78.6	401	5	US-10-785-114-65	Sequence 65, App1	188	269	67.1	272	4	US-10-232-858-75	Sequence 75, App1
116	335	78.6	401	5	US-10-929-958-65	Sequence 65, App1	189	269	67.1	272	4	US-10-785-109-75	Sequence 75, App1
117	335	78.6	401	5	US-10-929-748-65	Sequence 65, App1	190	269	67.1	272	4	US-10-785-114-75	Sequence 75, App1
118	335	78.6	401	5	US-10-979-748-65	Sequence 65, App1	191	269	67.1	272	5	US-10-929-958-75	Sequence 75, App1
119	335	78.6	401	5	US-10-979-303-65	Sequence 65, App1	192	269	67.1	272	5	US-10-979-654-75	Sequence 75, App1
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121	335	78.6	394	4	US-09-062-113-9	Sequence 9, App1	194	269	67.1	272	5	US-10-979-654-75	Sequence 75, App1
122	335	78.6	394	4	US-10-232-858-9	Sequence 9, App1	195	267	66.6	349	4	US-10-105-934-15	Sequence 15, App1
123	335	78.6	394	4	US-10-785-109-9	Sequence 9, App1	196	267	66.6	349	5	US-10-895-676-15	Sequence 15, App1
124	335	78.6	394	5	US-10-785-114-9	Sequence 9, App1	197	262	65.3	293	3	US-10-895-676-15	Sequence 15, App1
125	335	78.6	394	5	US-10-929-958-9	Sequence 9, App1	198	262	65.3	293	3	US-09-896-096A-18	Sequence 18, App1
126	335	78.6	394	5	US-10-929-748-9	Sequence 9, App1	199	262	65.3	293	4	US-09-894-924-18	Sequence 18, App1
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130	335	78.6	401	4	US-10-151-071-8	Sequence 8, App1	203	262	65.3	363	3	US-09-062-113-69	Sequence 69, App1
131	335	78.6	401	4	US-10-467-243-2	Sequence 2, App1	204	262	65.3	363	4	US-10-332-858-69	Sequence 69, App1
132	335	78.6	401	5	US-10-129-595-3	Sequence 3, App1	205	262	65.3	363	4	US-10-785-109-69	Sequence 69, App1
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138	335	78.6	401	3	US-09-062-113-64	Sequence 64, App1	211	262	65.3	363	6	US-10-785-109-69	Sequence 69, App1
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148	335	78.6	401	5	US-10-929-958-63	Sequence 63, App1	221	262	65.3	363	4	US-10-436-826-71	Sequence 71, App1
149	335	78.6	401	5	US-10-929-958-64	Sequence 64, App1	222	262	65.3	363	4	US-10-436-826-76	Sequence 76, App1
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152	335	78.6	401	5	US-10-929-958-67	Sequence 67, App1	225	262	65.3	363	5	US-10-775-204-1235	Sequence 1235, App
153	335	78.6	401	5	US-10-929-958-68	Sequence 68, App1	226	262	65.3	363	3	US-09-062-113-71	Sequence 71, App1
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169	335	78.6	401	5	US-10-979-654-75	Sequence 75, App1	242	262	65.3	363	5	US-10-979-654-76	Sequence 76, App1
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173	335	78.6	401	5	US-10-979-654-79	Sequence 79, App1	246	262	65.3	363	5	US-10-979-654-76	Sequence 76, App1

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265	173	43.1	404	3	US-09-389-782-7	Sequence 7, Appl
266	173	43.1	407	3	US-09-389-782-3	Sequence 3, Appl
267	161	40.1	161	4	US-10-125-985-3	Sequence 3, Appl
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269	147	36.7	147	3	US-09-756-854-20	Sequence 20, Appl
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272	146	36.4	146	4	US-10-375-680-58	Sequence 58, Appl
273	140	34.9	143	3	US-09-062-113-77	Sequence 77, Appl
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ALIGNMENTS

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RESULT 1
US-10-066-209-1
; Sequence 1, Application US/10066209
; Publication No. US2002015110A1
; GENERAL INFORMATION:
; APPLICANT: Brigham-Burke, Michael R.
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; FILE REFERENCE: GH-50030-D1
; CURRENT APPLICATION NUMBER: US/10/066,209
; PRIOR APPLICATION NUMBER: 09/072,993
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-10-066-209-1

Query Match      100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB      1 MNKLCCALVFLDISIKMTQETFPFKYHYDEBTSQHLCDKCPETVYKQHTAKMT 60

QY      61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKRGYIEIFCLK 120
DB      61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKRGYIEIFCLK 120

QY      121 HRSQPPFGVQAGTPEPNTVCKRCPPGFSNETSSAPCRKHTNCSVFGILLTKQKNAT 180
DB      121 HRSQPPFGVQAGTPEPNTVCKRCPPGFSNETSSAPCRKHTNCSVFGILLTKQKNAT 180

QY      181 HDNIGSNGSSTQKCGIDVTLCEAFERFAVPTKTPMNLGVYVDNLPGTKVAASVERI 240
DB      181 HDNIGSNGSSTQKCGIDVTLCEAFERFAVPTKTPMNLGVYVDNLPGTKVAASVERI 240

QY      241 KRQHSQEQTFQLLKMKHONKQDQIVKTIIDIDLCENSVOHHIGHANLTFQRLSLME 300
DB      241 KRQHSQEQTFQLLKMKHONKQDQIVKTIIDIDLCENSVOHHIGHANLTFQRLSLME 300

QY      301 SLPGKVGADIRKTKACRPSDQILKLSLMTIKNGDQDTLGLMHALGHSYTHPKT 360
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QY      361 VTOSLKKTIPLFHSFTMYKLYQKLFLEMIGNQVSVKISCL 401
DB      361 VTOSLKKTIPLFHSFTMYKLYQKLFLEMIGNQVSVKISCL 401

RESULT 2
US-10-105-934-2
; Sequence 2, Application US/10105934
; Publication No. US20020150988A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMA-070-
; RELATED PROTEIN FAMILY AND THE 785-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/105,934
  FILING DATE: 25-Mar-2002
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/062,389
  FILING DATE: 17-APR-1998
  APPLICATION NUMBER: 60/062,017
  FILING DATE: 10-OCT-1997
  APPLICATION NUMBER: 60/044,746
  FILING DATE: 18-APR-1997
ATTORNEY/AGENT INFORMATION:
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  REGISTRATION NUMBER: 35,283
  REFERENCE/DOCKET NUMBER: 09404/051001
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  TELEFAX: 617/542-8906
  TELE: 200154
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
  LENGTH: 401 amino acids
  TYPE: amino acid
  TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-105-934-2

Query Match      100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLHYDETSQQLCDKCPPTYLKQCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLHYDETSQQLCDKCPPTYLKQCTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLK 120
QY 121 HRSCPPGFGVVGAGTEPRNTVCKRCPDGFFSNETSAPCRKATNCSVFGLLLTQKGNAT 180
DB 121 HRSCPPGFGVVGAGTEPRNTVCKRCPDGFFSNETSAPCRKATNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNSBSTQKCGIDVTLCERAFRPAVPKFTPNMISLVVDNIPGKVAESYERI 240
DB 181 HDNIGSGNSBSTQKCGIDVTLCERAFRPAVPKFTPNMISLVVDNIPGKVAESYERI 240
QY 241 KROHSSOBTFFOLLKLMKQKNDQIVKKIIDIIDLCENSVOHIGANLTFEOLSLME 300
DB 241 KROHSSOBTFFOLLKLMKQKNDQIVKKIIDIIDLCENSVOHIGANLTFEOLSLME 300
QY 301 SLPGKVVGAEDIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHGSTYHPKPT 360
DB 301 SLPGKVVGAEDIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHGSTYHPKPT 360
QY 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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RESULT 3
US-10-164-592-2
; Sequence 2, Application US/10164592
; Publication No. US20020150989A1
; GENERAL INFORMATION:
; APPLICANT: Greene, John M.
; APPLICANT: Fleischmann, Robert D.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 1488,0710007
; CURRENT APPLICATION NUMBER: US/10/164,592
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 08/469,637
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US95/03216
; PRIOR FILING DATE: 1995-03-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-592-2

Query Match      100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLHYDETSQQLCDKCPPTYLKQCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLHYDETSQQLCDKCPPTYLKQCTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLK 120
QY 121 HRSCPPGFGVVGAGTEPRNTVCKRCPDGFFSNETSAPCRKATNCSVFGLLLTQKGNAT 180
DB 121 HRSCPPGFGVVGAGTEPRNTVCKRCPDGFFSNETSAPCRKATNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNSBSTQKCGIDVTLCERAFRPAVPKFTPNMISLVVDNIPGKVAESYERI 240
DB 181 HDNIGSGNSBSTQKCGIDVTLCERAFRPAVPKFTPNMISLVVDNIPGKVAESYERI 240
QY 241 KROHSSOBTFFOLLKLMKQKNDQIVKKIIDIIDLCENSVOHIGANLTFEOLSLME 300
DB 241 KROHSSOBTFFOLLKLMKQKNDQIVKKIIDIIDLCENSVOHIGANLTFEOLSLME 300
QY 301 SLPGKVVGAEDIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHGSTYHPKPT 360
DB 301 SLPGKVVGAEDIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHGSTYHPKPT 360
QY 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401

RESULT 4
US-10-044-674-3
; Sequence 3, Application US/10044674
; Publication No. US20030175710A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Blegiecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B MMH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
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Db      1 MNKLCCALVFLDISIKMTQETFPKYLHYDETSKQLCDKCPGTYLKQHTAKMT 60
Qy      61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCCK 120
Db      61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCCK 120
Qy      121 HRSCPFGVGVQAGTPERNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
Db      121 HRSCPFGVGVQAGTPERNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
Qy      181 HDNICSNSSESTQKCGIDVTLCEBAFRRVPTKFTPNMLSVLDNLPGTKVAESYERI 240
Db      181 HDNICSNSSESTQKCGIDVTLCEBAFRRVPTKFTPNMLSVLDNLPGTKVAESYERI 240
Qy      241 KROHSSQEQTFOLKLKMKQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Db      241 KROHSSQEQTFOLKLKMKQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Qy      301 SLPGKVGADIEKTIKACKPSDQILKLSMRKNGDDDTLKGMLALHKSHTYHPKPT 360
Db      301 SLPGKVGADIEKTIKACKPSDQILKLSMRKNGDDDTLKGMLALHKSHTYHPKPT 360
Qy      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
Db      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 7
US-10-895-676-2
; Sequence 2, Application US/10895676
; Publication No. US20050032172A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; Holtzman, Douglas
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMA-070-
; RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Fleh & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/895,676
; FILING DATE: 21-Jul-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/105,934
; FILING DATE: 25-Mar-2002
; APPLICATION NUMBER: US/09/062,389
; FILING DATE: 17-Apr-1998
; APPLICATION NUMBER: 60/062,017
; FILING DATE: 10-Oct-1997
; APPLICATION NUMBER: 60/044,746
; FILING DATE: 18-Apr-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Melketojn, Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 09404/051001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEBRX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids

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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-895-676-2
Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 MNKLCCALVFLDISIKMTQETFPKYLHYDETSKQLCDKCPGTYLKQHTAKMT 60
Db      1 MNKLCCALVFLDISIKMTQETFPKYLHYDETSKQLCDKCPGTYLKQHTAKMT 60
Qy      61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCCK 120
Db      61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCCK 120
Qy      121 HRSCPFGVGVQAGTPERNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
Db      121 HRSCPFGVGVQAGTPERNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
Qy      181 HDNICSNSSESTQKCGIDVTLCEBAFRRVPTKFTPNMLSVLDNLPGTKVAESYERI 240
Db      181 HDNICSNSSESTQKCGIDVTLCEBAFRRVPTKFTPNMLSVLDNLPGTKVAESYERI 240
Qy      241 KROHSSQEQTFOLKLKMKQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Db      241 KROHSSQEQTFOLKLKMKQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Qy      301 SLPGKVGADIEKTIKACKPSDQILKLSMRKNGDDDTLKGMLALHKSHTYHPKPT 360
Db      301 SLPGKVGADIEKTIKACKPSDQILKLSMRKNGDDDTLKGMLALHKSHTYHPKPT 360
Qy      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
Db      361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 8
US-10-986-046-5
; Sequence 5, Application US/10986046
; Publication No. US20050129616A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind to TRAIL
; FILE REFERENCE: PF550P1D3
; CURRENT APPLICATION NUMBER: US/10/986,046
; FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
; FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70

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; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-046-5

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVCKRCPDGFSNETSRAKPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVCKRCPDGFSNETSRAKPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSESTOKGIDVTLCEBAFFRAVPTKFTPNM1SVLVNDLPGTVMASVERI 240
DB 181 HDN1CSGNSSESTOKGIDVTLCEBAFFRAVPTKFTPNM1SVLVNDLPGTVMASVERI 240
QY 241 KROHSSQBOTFQLLKLMKHQNKODIVYK11QDIDLCENSVQRIHGHANLTPEQLRSIME 300
DB 241 KROHSSQBOTFQLLKLMKHQNKODIVYK11QDIDLCENSVQRIHGHANLTPEQLRSIME 300
QY 301 SLPEKKGAGDIETKIRACKPSDQILKLSIMRIKNGDQDPLKGLMHAKLHSTYHPKT 360
DB 301 SLPEKKGAGDIETKIRACKPSDQILKLSIMRIKNGDQDPLKGLMHAKLHSTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 9
US-10-986-047-5
; Sequence 5, Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PFS50P1D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; PRIOR FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
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; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-047-5

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVCKRCPDGFSNETSRAKPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVCKRCPDGFSNETSRAKPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSESTOKGIDVTLCEBAFFRAVPTKFTPNM1SVLVNDLPGTVMASVERI 240
DB 181 HDN1CSGNSSESTOKGIDVTLCEBAFFRAVPTKFTPNM1SVLVNDLPGTVMASVERI 240
QY 241 KROHSSQBOTFQLLKLMKHQNKODIVYK11QDIDLCENSVQRIHGHANLTPEQLRSIME 300
DB 241 KROHSSQBOTFQLLKLMKHQNKODIVYK11QDIDLCENSVQRIHGHANLTPEQLRSIME 300
QY 301 SLPEKKGAGDIETKIRACKPSDQILKLSIMRIKNGDQDPLKGLMHAKLHSTYHPKT 360
DB 301 SLPEKKGAGDIETKIRACKPSDQILKLSIMRIKNGDQDPLKGLMHAKLHSTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 10
US-10-966-845-2
; Sequence 2, Application US/10966845
; Publication No. US20050143301A1
; GENERAL INFORMATION:
; APPLICANT: Applied Research Systems ARS Holding N.V.
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fl.
; FILE REFERENCE: US 550 CIP
; CURRENT APPLICATION NUMBER: US/10/966,845
; PRIOR FILING DATE: 2004-10-15
; PRIOR APPLICATION NUMBER: EP02100364.5
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: PCT/EP03/50080
; PRIOR FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-966-845-2

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPGTYLKQHCSTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
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Qy 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180  
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Db 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180  
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Qy 181 HDNICSGNSSESTQKCGIDVTLCEBAFFRAVPFTKFTPNMLSVLVDNLPGTKVNAESVERI 240  
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Db 181 HDNICSGNSSESTQKCGIDVTLCEBAFFRAVPFTKFTPNMLSVLVDNLPGTKVNAESVERI 240  
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Qy 241 KROHSSQEQTFQLLKLMKHONKODIVKKTIIQDIDLCENSVQRHIGHANLTPEQLSLME 300  
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Db 241 KROHSSQEQTFQLLKLMKHONKODIVKKTIIQDIDLCENSVQRHIGHANLTPEQLSLME 300  
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Qy 301 SLPGKKVGADEIETIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHRSKTYHPKT 360  
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Db 301 SLPGKKVGADEIETIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHRSKTYHPKT 360  
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Qy 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401  
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401  
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## RESULT 11

US-10-775-204-528  
; Sequence 528, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: P564  
; CURRENT APPLICATION NUMBER: US/10/775,204  
; PRIOR FILING DATE: 2004-02-11, 811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/341,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 528  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-775-204-528

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MNKLCCALVPLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPPTIYKQHTCTAKMT 60  
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Db 1 MNKLCCALVPLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPPTIYKQHTCTAKMT 60  
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|  
Qy 61 VCAPCPDHYTDSWHTSDDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIBFCLK 120  
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|  
|

Db 61 VCAPCPDHYTDSWHTSDDECLYCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIBFCLK 120  
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Qy 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180  
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Db 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180  
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Qy 181 HDNICSGNSSESTQKCGIDVTLCEBAFFRAVPFTKFTPNMLSVLVDNLPGTKVNAESVERI 240  
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Db 181 HDNICSGNSSESTQKCGIDVTLCEBAFFRAVPFTKFTPNMLSVLVDNLPGTKVNAESVERI 240  
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Qy 241 KROHSSQEQTFQLLKLMKHONKODIVKKTIIQDIDLCENSVQRHIGHANLTPEQLSLME 300  
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|  
|  
Db 241 KROHSSQEQTFQLLKLMKHONKODIVKKTIIQDIDLCENSVQRHIGHANLTPEQLSLME 300  
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Qy 301 SLPGKKVGADEIETIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHRSKTYHPKT 360  
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Db 301 SLPGKKVGADEIETIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHRSKTYHPKT 360  
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|  
Qy 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401  
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401  
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## RESULT 12

US-10-775-204-529  
; Sequence 529, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: P564  
; CURRENT APPLICATION NUMBER: US/10/775,204  
; PRIOR FILING DATE: 2004-02-11  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 529  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-775-204-529

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Qy 181 HDN1CSGSESTQKCGIDVTLCEBAFFFAVPTKTPMWSLVLDNLPGTVMASVERI 240  
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Db 241 KROHSSOEQTQOLLKLMHGNKDDIVYKIIODIDLCENSVORHIGHANLTFEOLRLIME 300  
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Db 301 SLPGKVGABDIETIKAKCPSDOILKLSMRINKGDDTLKGLMHALKHSKTYHPKPT 360  
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## RESULT 13

US-10-775-204-542  
Sequence 542, Application US/10775204  
Publication No. US20050186664A1  
GENERAL INFORMATION:  
APPLICANT: Rosen, Craig A.  
APPLICANT: Haseltine, William A.  
APPLICANT: Balance, David J.  
APPLICANT: Turner, Andrew J.  
TITLE OF INVENTION: Albumin Fusion Proteins  
FILE REFERENCE: PF564  
CURRENT APPLICATION NUMBER: US/10/775,204  
CURRENT FILING DATE: 2004-02-11  
PRIOR APPLICATION NUMBER: 60/341,811  
PRIOR FILING DATE: 2001-12-21  
PRIOR APPLICATION NUMBER: 60/360,000  
PRIOR FILING DATE: 2002-02-28  
PRIOR APPLICATION NUMBER: 60/378,950  
PRIOR FILING DATE: 2002-05-10  
PRIOR APPLICATION NUMBER: 60/398,008  
PRIOR FILING DATE: 2002-07-24  
PRIOR APPLICATION NUMBER: 60/411,355  
PRIOR FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: 60/414,984  
PRIOR FILING DATE: 2002-10-02  
PRIOR APPLICATION NUMBER: 60/417,611  
PRIOR FILING DATE: 2002-10-11  
PRIOR APPLICATION NUMBER: 60/420,246  
PRIOR FILING DATE: 2002-10-23  
PRIOR APPLICATION NUMBER: 60/423,623  
PRIOR FILING DATE: 2002-11-05  
PRIOR APPLICATION NUMBER: 60/351,360  
PRIOR FILING DATE: 2002-01-28  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 2222  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 542  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-775-204-542

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Qy 361 VTOSLKTIRRLHSFTMYKLYOKLFLEMIGNOVOSVKISCL 401  
Db 361 VTOSLKTIRRLHSFTMYKLYOKLFLEMIGNOVOSVKISCL 401

## RESULT 14

US-10-775-204-1238  
Sequence 1238, Application US/10775204  
Publication No. US20050186664A1  
GENERAL INFORMATION:  
APPLICANT: Rosen, Craig A.  
APPLICANT: Haseltine, William A.  
APPLICANT: Balance, David J.  
APPLICANT: Turner, Andrew J.  
TITLE OF INVENTION: Albumin Fusion Proteins  
FILE REFERENCE: PF564  
CURRENT APPLICATION NUMBER: US/10/775,204  
CURRENT FILING DATE: 2004-02-11  
PRIOR APPLICATION NUMBER: 60/341,811  
PRIOR FILING DATE: 2001-12-21  
PRIOR APPLICATION NUMBER: 60/360,000  
PRIOR FILING DATE: 2002-02-28  
PRIOR APPLICATION NUMBER: 60/378,950  
PRIOR FILING DATE: 2002-05-10  
PRIOR APPLICATION NUMBER: 60/398,008  
PRIOR FILING DATE: 2002-07-24  
PRIOR APPLICATION NUMBER: 60/411,355  
PRIOR FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: 60/414,984  
PRIOR FILING DATE: 2002-10-02  
PRIOR APPLICATION NUMBER: 60/417,611  
PRIOR FILING DATE: 2002-10-11  
PRIOR APPLICATION NUMBER: 60/420,246  
PRIOR FILING DATE: 2002-10-23  
PRIOR APPLICATION NUMBER: 60/423,623  
PRIOR FILING DATE: 2002-11-05  
PRIOR APPLICATION NUMBER: 60/351,360  
PRIOR FILING DATE: 2002-01-28  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 2222  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 1238  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-775-204-1238

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 HRCSPPGFVGVOAGTBERNTVCRCRCPDGFPSNETSSKAPCRKKTNCVFGILLTQKGNAT 180
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Db 181 HDNIGSGNSESTQKCGIDVTLCEBAFPRFAVPKFTPNMLSVYVDNLPGTKVNAESYERI 240
Qy 241 KROHSSQBOTFOLLKLMKHQNKQDQIVKIIQDIDLCENSVORHIGHANLTFEQLRSIME 300
Db 241 KROHSSQBOTFOLLKLMKHQNKQDQIVKIIQDIDLCENSVORHIGHANLTFEQLRSIME 300
Qy 301 SLPGKTVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLGLMHALGHSKTYHPKPT 360
Db 301 SLPGKTVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLGLMHALGHSKTYHPKPT 360
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Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
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## RESULT 15

US-10-775-204-1239

Sequence 1239, Application US/10775204

Publication No. US20050186664A1

GENERAL INFORMATION:

APPLICANT: Rosen, Craig A.

APPLICANT: Haseltine, William A.

APPLICANT: Balance, David J.

APPLICANT: Turner, Andrew J.

TITLE OF INVENTION: Albumin Fusion Proteins

FILE REFERENCE: PPS64

CURRENT APPLICATION NUMBER: US/10/775,204

CURRENT FILING DATE: 2004-02-11

PRIOR APPLICATION NUMBER: 60/341,811

PRIOR FILING DATE: 2001-12-21

PRIOR APPLICATION NUMBER: 60/360,000

PRIOR FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: 60/378,950

PRIOR FILING DATE: 2002-05-10

PRIOR APPLICATION NUMBER: 60/398,008

PRIOR FILING DATE: 2002-07-24

PRIOR APPLICATION NUMBER: 60/411,355

PRIOR FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: 60/414,984

PRIOR FILING DATE: 2002-10-02

PRIOR APPLICATION NUMBER: 60/417,611

PRIOR FILING DATE: 2002-10-11

PRIOR APPLICATION NUMBER: 60/420,246

PRIOR FILING DATE: 2002-10-23

PRIOR APPLICATION NUMBER: 60/423,623

PRIOR FILING DATE: 2002-11-05

PRIOR APPLICATION NUMBER: 60/351,360

PRIOR FILING DATE: 2002-01-28

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2222

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1239

LENGTH: 401

TYPE: PRT

ORGANISM: Homo sapiens

US-10-775-204-1239

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;

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Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTHNRVCECKEGRYLEIEFCLK 120
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Db 121 HRCSPPGFVGVOAGTBERNTVCRCRCPDGFPSNETSSKAPCRKKTNCVFGILLTQKGNAT 180
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Db 241 KROHSSQBOTFOLLKLMKHQNKQDQIVKIIQDIDLCENSVORHIGHANLTFEQLRSIME 300
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Db 301 SLPGKTVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLGLMHALGHSKTYHPKPT 360
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Search completed: February 8, 2006, 15:47:30

Job time : 180 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 8, 2006, 15:44:39 ; Search time 18 Seconds

(Without alignments)  
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Title: US-09-526-437-2

Perfect score: 401  
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Scoring table: OLIGO  
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Searched: 97014 seqs, 13122538 residues

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Total number of hits satisfying chosen parameters: 12

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database :

Published Applications AA New:  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	401	100.0	401	6	US-10-510-876-2
2	300	74.8	401	6	US-10-510-876-4
3	279	69.6	380	7	US-11-144-236-1
4	279	69.6	537	7	US-11-144-236-6
5	179	44.6	406	6	US-10-948-053-6
6	173	43.1	400	6	US-10-948-053-4
7	173	43.1	400	6	US-10-948-053-5
8	173	43.1	401	6	US-10-948-053-8
9	173	43.1	404	6	US-10-948-053-7
10	173	43.1	407	6	US-10-948-053-3
11	161	40.1	161	7	US-11-154-257-3
12	120	29.9	120	7	US-11-042-814-8

#### ALIGNMENTS

RESULT 1  
US-10-510-876-2  
; Sequence 2, Application US/10510876  
; Publication No. US20060003928A1  
; GENERAL INFORMATION:  
; APPLICANT: Power, Christine  
; APPLICANT: Plater-Zyberk, Christine  
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fib

TITLE OF INVENTION: disease  
; FILE REFERENCE: SLIT-P01-001  
; CURRENT APPLICATION NUMBER: US/10/510,876  
; CURRENT FILING DATE: 2004-10-08  
; PRIOR APPLICATION NUMBER: EP02100364.5  
; PRIOR FILING DATE: 2002-04-10  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-510-876-2

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Best Local Similarity 100.0%; Pred. No. 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB	181	HDNIGCSNNSSTQKCGIDVTLCEBAFRAVPPKFTTNMISLVYDNIPTKVAASVERI	240
QY	241	KRGHSQEQFOLLKLMKQHNQODIVKTIIDIDLCNSVORHIGANTLPBOLRLSME	300
DB	241	KRGHSQEQFOLLKLMKQHNQODIVKTIIDIDLCNSVORHIGANTLPBOLRLSME	300
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DB	301	SLPGKRVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLGLMALRHSKTYHPKXT	360
QY	361	VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL	401
DB	361	VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL	401

RESULT 2  
US-10-510-876-4  
; Sequence 4, Application US/10510876  
; Publication No. US20060003928A1  
; GENERAL INFORMATION:  
; APPLICANT: Power, Christine  
; APPLICANT: Plater-Zyberk, Christine  
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi  
; FILE REFERENCE: SLIT-P01-001  
; CURRENT APPLICATION NUMBER: US/10/510,876  
; CURRENT FILING DATE: 2004-10-08  
; PRIOR APPLICATION NUMBER: EP02100364.5  
; PRIOR FILING DATE: 2002-04-10  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-510-876-4

Query Match 74.8%; Score 300; DB 6; Length 401;  
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Db 241 KROHSSQEQTFQLLKMKHONKQDIYVKTIIDIDLCENSVORHIGHANTFQQLSLME 300
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Db 301 SLPGKVGAEDIEKTIKACPSDQILKLSLWRIKNGDQDTLGLMHALKHSKTYHPPKT 360
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Qy 361 VTQSLKKTIRFLHSFTWYKLYOKLFLMIGNOVQSVKISCL 401
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Db 361 VTQSLKKTIRFLHSFTWYKLYOKLFLMIGNOVQSVKISCL 401
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RESULT 3  
US-11-144-236-1

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/ Sequence 1, Application US/11144236
/ Publication No. US20050288219A1
/ GENERAL INFORMATION:
/ APPLICANT: Nestec SA
/ TITLE OF INVENTION: Osteoprotegerin in Milk
/ FILE REFERENCE: 88265-6852
/ CURRENT APPLICATION NUMBER: US/11/144,236
/ PRIOR FILING DATE: 2005-06-02
/ PRIOR APPLICATION NUMBER: US/10/676,358
/ PRIOR FILING DATE: 2003-10-02
/ PRIOR APPLICATION NUMBER: WO 2002 EP 02912
/ PRIOR FILING DATE: 2003-03-15
/ PRIOR APPLICATION NUMBER: EP 20010108414
/ PRIOR FILING DATE: 2001-04-03
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 380
/ TYPE: PRT
/ ORGANISM: homo sapiens
US-11-144-236-1
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Query Match 69.6%; Score 279; DB 7; Length 380;  
Best Local Similarity 99.7%; Pred. No. 6, 1e-277;  
Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 61 YCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPERNV 120
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Qy 142 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSTQKCGIDVTL 201
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Db 121 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSTQKCGIDVTL 180
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Qy 202 CEBAFPRFAVPTKFTPNMLSVLDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 261
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Db 181 CEBAFPRFAVPTKFTPNMLSVLDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 240
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Qy 322 SDQILKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 381
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Db 301 SDQILKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 360
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Qy 382 OKLFLMIGNOVQSVKISCL 401
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Db 361 OKLFLMIGNOVQSVKISCL 380
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RESULT 4  
US-11-144-236-6

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/ Sequence 6, Application US/11144236
/ Publication No. US20050288219A1
/ GENERAL INFORMATION:
/ APPLICANT: Nestec SA
/ TITLE OF INVENTION: Osteoprotegerin in Milk
/ FILE REFERENCE: 88265-6852
/ CURRENT APPLICATION NUMBER: US/11/144,236
/ PRIOR FILING DATE: 2005-06-02
/ PRIOR APPLICATION NUMBER: US/10/676,358
/ PRIOR FILING DATE: 2003-10-02
/ PRIOR APPLICATION NUMBER: WO 2002 EP 02912
/ PRIOR FILING DATE: 2003-03-15
/ PRIOR APPLICATION NUMBER: EP 20010108414
/ PRIOR FILING DATE: 2001-04-03
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 537
/ TYPE: PRT
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: protein sequence including mature OPG
US-11-144-236-6
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Query Match 69.6%; Score 279; DB 7; Length 537;  
Best Local Similarity 99.7%; Pred. No. 8, 3e-277;  
Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 22 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 81
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Db 158 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 217
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Qy 82 YCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPERNV 141
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Db 218 YCSPVCKELQYVQKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPERNV 277
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RESULT 5

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US-10-948-053-6
; Sequence 6, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstean, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; TITLE OF INVENTION: Bone Loss Associated with Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948, 053
; CURRENT FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-6

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Matches	179;	Conservative	0;	Mismatches	0;	Indels	0;
				Gaps	0;		

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81	60

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Qy	Db
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RESULT 6  
US-10-948-053-4

Publication NO. US20060019887A1  
GENERAL INFORMATION:  
APPLICANT: Dunstan, Colin R.

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; SOFTWARE: PALCINLIN VERSION 3.1
; SEQ ID NO 4
; LENGTH: 400
; TYPE: PRT

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Query Match	Score	DB	Length
43.1%	173	6	400

22 ETPEPKYVHYDEFTSHOILCDKCPBQYVYKOHCAKMKVYCAPEQDHYVYTSNSETSDNET. 81  
Best Local Similarity 100.0%; Pctd. NO. 9e-169; Mismatches 0; Indels 0; Gaps 0;  
Matches 173; Conservative 0; Mismatches 0;

Db 1 ETEPPKYLHYDEBESHQLLCDKCPGTYLQKHCTAKMTVCAPCPDHYTDSWHTSDECL 60

Db 61 YCSFVCKELQYVQECENRTHNRVCECKEGRYLIEFCLKHSRCPGFGVQAQTPERTV 120

Db 121 CKKCPDGFPSNETSSKAPCRKHTNCVFGLLTQKGNATHDNTCSGNSESTOK 173

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RESULT 7
US-10-948-053-5
; Sequence 5, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Canc
; TITLE OF INVENTION: Bone Loss Associated with Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948, 053
; CURRENT FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 400
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-948-053-5

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Query Match	43.1%	Score 173	DB 6	Length 400
Best Local Similarly	100.0%	Pred. No. 9e-169		
Matches 173; Conservative	0	Mismatches 0	Indels 0	Gaps 0

Qy	22	ETPPPKYLHYDEBSHOLLCDKCEPGTYLKÖHCHAKMKTVCAPEPDHYTTSDSWTSDECL	81
Db	1	ETPPPKYLHYDEBSHOLLCDKCEPGTYLKÖHCHAKMKTVCAPEPDHYTTSDSWTSDECL	60

Qy 82 YGSAVCKELQIYKQECNRTNHRVCECKEGRYLEIETFLKHSRCPGFGVVOAGTPERNIV 141

Db 61 YCEVCKELQIYKQECNRTNHRVCECKEGRYLEIETFLKHSRCPGFGVVOAGTPERNIV 120

Qy	142	121	Db
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SG	SE	ST	OK

RESULT 8  
US-10-948-053-8

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; Sequence 8, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 401
; TYPE: prt

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Query March 43 18: Score 173 DB 6: Length 401
: ORGANISM: Homo sapiens
: US-10-948-053-8

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23	ПРЕДБРИЉИ НАЈБОЉИЈА КОРИСТАЈУЋИ СЕ	81
	Best Local Similarity	100.0%; Pred. No. 9e-169;
	Matches 173; Conservative	0; Mismatches 0; Indels 0; Gaps 0;

Db 239 ETEPPKYLHYDEEFSHQLLDCKPPTGLKQHCSTAKMTIVCAQCPDHYTSDSMHTSDECL 288

Db 289 YCSPVCKELQYVQECNTHNRVCECKCKGRYLIEFLKHRSCPFGFVQAGIPERTV 348

Dy 142 CKRCDEGFFSNETSSKAPCRKHNTCSYFGLLLTQGNATHDNI CSNSESTQK 194  
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1 RESULT 9
2 US-10-948-053-7
3 ; Sequence 7, Application US/10948053
4 ; Publication No. US20060019887A1
5 ; GENERAL INFORMATION:
6 ; APPLICANT: Dunstan, Colin R.
7 ; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
8 ; TITLE OF INVENTION: Bone Loss Associated with Cancer
9 ; FILE REFERENCE: A-605
10 ; CURRENT APPLICATION NUMBER: US/10/948,053
11 ; CURRENT FILING DATE: 2004-09-22
12 ; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
13 ; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
14 ; NUMBER OF SEQ ID NOS: 15
15 ; SOFTWARE: PatentIn version 3.1
16 ; SEQ ID NO 7
17 ; LENGTH: 404
18 ; TYPE: PRT
19 ; ORGANISM: Homo sapiens
20 US-10-948-053-7

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Qy	22	ETFPBKLYLHYDEBETHQLL	CDKCPBETYLKONHTAKMKYVACAPBPHYYTDSNHTSDECL	81
Db	1	ETFPBKLYLHYDEBETHQLL	CDKCPBETYLKONHTAKMKYVACAPBPHYYTDSNHTSDECL	60
Qy	82	YCSPLCKELQYVAKOENRTHNRV	CECKEGRYLTIEFCLKHSRCPBPGVGVQAQTPBPNTRY	141
Db	61	YCSPLCKELQYVAKOENRTHNRV	CECKEGRYLTIEFCLKHSRCPBPGVGVQAQTPBPNTRY	120
Qy	142	CKRCPDGFFSNSTSSKAPCRKHTN	CSVFGILLTQKNAATHDNCISGNSSESTOK	194
Db	121	CKRCPDGFFSNSTSSKAPCRKHTN	CSVFGILLTQKNAATHDNCISGNSSESTOK	173

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1 RESULT 10
2 US-10-948-053-3
3 ; Sequence 3, Application US/10948053
4 ; Publication No. US20060019887A1
5 ; GENERAL INFORMATION:
6 ; APPLICANT: Dunstean, Colin R.
7 ; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
8 ; TITLE OF INVENTION: Bone Loss Associated with Cancer
9 ; FILE REFERENCE: A-605
10 ; CURRENT APPLICATION NUMBER: US/10/948.053
11 ; CURRENT FILING DATE: 2004-09-22
12 ; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
13 ; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
14 ; NUMBER OF SEQ ID NOS: 15
15 ; SOFTWARE: PatentIn version 3.1
16 ; SEQ ID NO 3
17 ; LENGTH: 407
18 ; TYPE: PRT
19 ; ORGANISM: Homo sapiens
20 US-10-948-053-3

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Query Match	43.1%	Score 173	DB 6	length 407
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	1	EFFPRKYLHYDETSQLLCDKCPSEPTYYLKHSTAAKRYCAGCPHHYTDSTWHTSDECL	60	
DB	82	YCSPLCKELQYVKOEENRTHNRVCECKEGRYILEIFECCLKHRSCPGFGVQVQAPTRNTV	141	

D6 61 YCPVPCKEIQYKQENRTHNVCECKGRITIEIFCLAKHSCEPGEVYQAGTPEKNTV 120

QY 142 CKKCPDGFSSNTSSKAPCRKKTINC SVGLLLTQKGNATHDNICSGNSESTQK 194

D6 121 CKKCPDGFSSNTSSKAPCRKKTINC SVGLLLTQKGNATHDNICSGNSESTQK 173

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RESULT 11
US-11-154-257-3
; Sequence 3, Application US/11/54257
; Publication No. US20050277151A1
; GENERAL INFORMATION:
; APPLICANT: Hbu, Hailing
; TITLE OF INVENTION: NTR3 A Novel Member of the TNF-Receptor Supergene Family
; FILE REFERENCE: 01017/35549B
; CURRENT APPLICATION NUMBER: US/11/154,257
; CURRENT FILING DATE: 2005-06-16
; PRIOR APPLICATION NUMBER: 09/632,277
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/147,297
; PRIOR FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; OTHER INFORMATION: Mus musculus OPG
US-11-154-257-3

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86	VCKELIYVQECNRTNTRVCECKEGRYIEIFCLKHS	CPGFGVQAGPERBTVCKRC	145
61	VCKELIYVQECNRTNTRVCECKEGRYIEIFCLKHS	CPGFGVQAGPERBTVCKRC	120
146	PDGFSNETSSKAPCRKHNTCSVFGLLTOKGNATHDICS		186
121	PDGFSNETSSKAPCRKHNTCSVFGLLTOKGNATHDICS		161

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RESULT 12
US-11-042-814-8
; Sequence 8, Application US/11042814
; Publication No. US20060024267A1
; GENERAL INFORMATION:
; APPLICANT: Jing, Shuguan
; APPLICANT: Welch, Andrew A
; APPLICANT: Boedighelmer, Michael J
; APPLICANT: Shu, Junyan
; APPLICANT: Gary M. Fox
; TITLE OF INVENTION: TNFR/OPG-LIKE MOLECULES AND USES THEREOF
; FILE REFERENCE: 01017/36854
; CURRENT APPLICATION NUMBER: US/11/042,814
; CURRENT FILING DATE: 2005-01-25
; PRIOR APPLICATION NUMBER: US/10/146,574
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: US/09/724,037
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
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; TYPE: PRT
; ORGANISM: Homo sapiens

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US-11-042-814-8

Query Match 29.9%; Score 120; DB 7; Length 120;  
 Best Local Similarity 100.0%; Pred. No. 3.6e-115;  
 Matches 120; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db	1	CNRTNRYVCECKEGRYLEIEFCLKXRSCTPGGVTQAGTPERNTVCKRCPPDGFSNETSS	60
QY	157	KAPCRKHTNCSVFGILLTQKGNATHDNI CSGNSESTOKGIDVTLCEBAFFRPAVPTKFT	216
Db	61	KAPCRKHTNCSVFGILLTQKGNATHDNI CSGNSESTOKGIDVTLCEBAFFRPAVPTKFT	120

Search completed: February 8, 2006, 15:47:52  
 Job time : 19 secs

Handwritten text, possibly a signature or date, oriented diagonally.

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 8, 2006, 14:53:38 ; Search time 49 Seconds

(without alignments)  
676.591 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 2200  
Sequence: 1 MNKLLCALVFLDISIKMTT.....QKFLFEMIGNVQSVKISCL 401

Scoring table:

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Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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2: /cgm2\_6/ptodata/1/1aa/6 COMB.pep.\*  
3: /cgm2\_6/ptodata/1/1aa/H COMB.pep.\*  
4: /cgm2\_6/ptodata/1/1aa/PCITUS COMB.pep.\*  
5: /cgm2\_6/ptodata/1/1aa/RE COMB.pep.\*  
6: /cgm2\_6/ptodata/1/1aa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2200	100.0	401	2	US-09-153-927-1
2	2200	100.0	401	2	US-09-072-993C-1
3	2195	99.8	401	2	US-10-232-858-5
4	2195	99.8	401	2	US-09-338-063A-5
5	2192	99.6	401	2	US-08-974-022-6
6	2192	99.6	401	2	US-09-042-765A-12
7	2192	99.6	401	2	US-08-795-445A-6
8	2192	99.6	401	2	US-08-795-447A-6
9	2192	99.6	401	2	US-08-974-186-6
10	2192	99.6	401	2	US-08-795-446B-6
11	2192	99.6	401	2	US-08-706-945D-128
12	2192	99.6	401	2	US-08-577-788C-6
13	2192	99.6	401	2	US-08-577-788C-56
14	2192	99.6	401	2	US-09-064-832-2
15	2185	99.3	401	2	US-10-232-858-62
16	2185	99.3	401	2	US-10-232-858-63
17	2185	99.3	401	2	US-10-232-858-64
18	2185	99.3	401	2	US-10-232-858-65
19	2185	99.3	401	2	US-10-232-858-66
20	2185	99.3	401	2	US-09-338-063A-62
21	2185	99.3	401	2	US-09-338-063A-63
22	2185	99.3	401	2	US-09-338-063A-64
23	2185	99.3	401	2	US-09-338-063A-65
24	2185	99.3	401	2	US-09-338-063A-66
25	2182	99.2	399	2	US-10-232-858-73
26	2182	99.2	399	2	US-09-338-063A-73
27	2149	97.7	393	2	US-10-232-858-79

28	2149	97.7	393	2	US-09-338-063A-79	Sequence 79, Appl
29	2146.5	97.6	394	2	US-10-232-858-9	Sequence 9, Appl
30	2146.5	97.6	394	2	US-09-338-063A-9	Sequence 9, Appl
31	2146	97.5	391	2	US-10-232-858-106	Sequence 106, Appl
32	2146	97.5	391	2	US-09-338-063A-106	Sequence 106, Appl
33	2087	94.9	380	2	US-10-232-858-4	Sequence 4, Appl
34	2087	94.9	380	2	US-09-338-063A-4	Sequence 4, Appl
35	1977.5	89.9	362	2	US-10-232-858-11	Sequence 11, Appl
36	1977.5	89.9	362	2	US-09-338-063A-11	Sequence 11, Appl
37	1976	89.8	364	2	US-08-706-945D-142	Sequence 142, App
38	1950	88.6	363	2	US-10-232-858-69	Sequence 69, Appl
39	1950	88.6	363	2	US-09-338-063A-69	Sequence 69, Appl
40	1938	88.1	351	2	US-10-232-858-74	Sequence 74, Appl
41	1938	88.1	351	2	US-09-338-063A-74	Sequence 74, Appl
42	1927	87.6	359	2	US-10-232-858-70	Sequence 70, Appl
43	1927	87.6	359	2	US-09-338-063A-70	Sequence 70, Appl
44	1918.5	87.2	360	2	US-10-232-858-67	Sequence 67, Appl
45	1918.5	87.2	360	2	US-09-338-063A-67	Sequence 67, Appl

ALIGNMENTS

RESULT 1									
; Sequence 1, Application US/09153927A									
; Patent No. 6297022									
; GENERAL INFORMATION:									
; APPLICANT: McDonnell, Peter C.									
; APPLICANT: Young, Peter R.									
; APPLICANT: Zou, Jun									
; TITLE OF INVENTION: A Method of Identifying Agonists and									
; TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3									
; FILE REFERENCE: GH50031									
; CURRENT APPLICATION NUMBER: US/09/153,927A									
; EARLIER APPLICATION NUMBER: 1998-09-16									
; EARLIER FILING DATE: 1997-10-08									
; NUMBER OF SEQ ID NOS: 11									
; SOFTWARE: FastSeq for Windows Version 3.0									
; SEQ ID NO 1									
; LENGTH: 401									
; TYPE: PRT									
; ORGANISM: Human									
US-09-153-927-1									
Query Match 100.0%; Score 2200; DB 2; Length 401;									
Best Local Similarity 100.0%; Pred. No. 5.7e-193;									
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	MNKLCCALVFLDISIKMTT	OETPPRYLHYDEBTS	HLCDKCPGTYLKOHCTAKMT	60				
Db	1	MNKLCCALVFLDISIKMTT	OETPPRYLHYDEBTS	HLCDKCPGTYLKOHCTAKMT	60				
Qy	61	VCAPCPDHYTDSMHTSDECL	YCSPVCKELQYVQECNRT	HNRYCEKGRYIEBCLK	120				
Db	61	VCAPCPDHYTDSMHTSDECL	YCSPVCKELQYVQECNRT	HNRYCEKGRYIEBCLK	120				
Qy	121	HRSCPBPFGVQAGTPERNV	CKKCPDGFPSNETSSA	PKRKHNCVPGILLTQKNAT	180				
Db	121	HRSCPBPFGVQAGTPERNV	CKKCPDGFPSNETSSA	PKRKHNCVPGILLTQKNAT	180				
Qy	181	HDNICSNSSTOKCGIDVTL	CEBAFPRFAVPTFTPN	MLSVLVNLPGRVNASEVERI	240				
Db	181	HDNICSNSSTOKCGIDVTL	CEBAFPRFAVPTFTPN	MLSVLVNLPGRVNASEVERI	240				
Qy	241	KRQHSOEOQFOLKLKMKH	QKODIVYKTIIDIDLC	ENSVOHHIGANTTFEQLSLME	300				
Db	241	KRQHSOEOQFOLKLKMKH	QKODIVYKTIIDIDLC	ENSVOHHIGANTTFEQLSLME	300				
Qy	301	SLPEKKYGADIEKTIKAC	PSDOIILKLILMTIKNG	DOOTLGLMHALHRSKTYH	360				
Db	301	SLPEKKYGADIEKTIKAC	PSDOIILKLILMTIKNG	DOOTLGLMHALHRSKTYH	360				

Db 301 SLPGKVGADIEDIKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKTYHPKKT 360  
QY 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

## RESULT 2

US-09-072-993C-1  
; Sequence 1, Application US/09072993C  
; Patent No. 6346388  
; GENERAL INFORMATION:  
; APPLICANT: Michael R. Brigham-Burke  
; APPLICANT: Peter R. Young  
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND  
; TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2  
; FILE REFERENCE: GH-50030  
; CURRENT APPLICATION NUMBER: US/09/072,993C  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/055,513  
; PRIOR FILING DATE: 1997-08-13  
; PRIOR APPLICATION NUMBER: 60/056,980  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/057,550  
; PRIOR FILING DATE: 1997-08-29  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: HOMO SAPIENS  
US-09-072-993C-1

Query Match 100.0%; Score 2200; DB 2; Length 401;  
Best Local Similarity 100.0%; Pred. No. 5,7e-193;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLICALVFLDISIKMTTOETPPPKYLHYDEBESHQLLCDKCPGTYLKQCTAKMKT 60  
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Db 61 VCAPCPDHYTDSMHTSDDECLYCSPVCKELQYVKQECNRTNRYCECKEGRYLEIEFCLK 120  
QY 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
Db 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
QY 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
Db 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
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Db 181 HDNIGSNGSSTQKCGIDVTLCEBAFRAVPPTKPTNMLSVLVNLPGTKVAASVERI 240  
QY 241 KROHSSQEQTFOLKLMKQKNDQDIYVKIIOIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KROHSSQEQTFOLKLMKQKNDQDIYVKIIOIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
QY 301 SLPGKVGADIEDIKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKTYHPKKT 360  
Db 301 SLPGKVGADIEDIKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKTYHPKKT 360  
QY 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

## RESULT 3

US-10-232-858-5  
; Sequence 5, Application US/10232858  
; Patent No. 6855808  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke

; APPLICANT: MOCHIZUKI, Shin'ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6855808uyuki  
; APPLICANT: YASUDA, Hiabataka  
; APPLICANT: NAKAGAWA, No. 6855808uaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masateugu  
; TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins  
; FILE REFERENCE: 16931.004  
; CURRENT APPLICATION NUMBER: US/10/232,858  
; PRIOR FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1996-02-20  
; PRIOR APPLICATION NUMBER: 08/915,004  
; PRIOR FILING DATE: 1997-08-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 5  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-232-858-5

Query Match 99.8%; Score 2195; DB 2; Length 401;  
Best Local Similarity 99.8%; Pred. No. 1.6e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 61 VCAPCPDHYTDSMHTSDDECLYCSPVCKELQYVKQECNRTNRYCECKEGRYLEIEFCLK 120  
QY 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
Db 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
QY 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
Db 121 HRCSPGFGVQAGTPEPRTVCKRCPDGFFSNETSAPCRKKTNCVSFGLLLTQKGNAT 180  
QY 181 HDNIGSNGSSTQKCGIDVTLCEBAFRAVPPTKPTNMLSVLVNLPGTKVAASVERI 240  
Db 181 HDNIGSNGSSTQKCGIDVTLCEBAFRAVPPTKPTNMLSVLVNLPGTKVAASVERI 240  
QY 241 KROHSSQEQTFOLKLMKQKNDQDIYVKIIOIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
Db 241 KROHSSQEQTFOLKLMKQKNDQDIYVKIIOIDIDLCENSVOHRIGHANLTFEQLRSIME 300  
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QY 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401  
Db 361 VTOSLAKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

## RESULT 4

US-09-338-063A-5  
; Sequence 5, Application US/09338063A  
; Patent No. 6919434  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin'ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6919434uyuki  
; APPLICANT: YASUDA, Hiabataka  
; APPLICANT: NAKAGAWA, No. 6919434uaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masateugu

APPLICANT: HIGASHIO, Kanji  
TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
FILE REFERENCE: 1691.005  
CURRENT APPLICATION NUMBER: US/09/338, 063A  
CURRENT FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: US 08/915, 004  
PRIOR FILING DATE: 1997-08-20  
PRIOR APPLICATION NUMBER: PCT/JP96/00374  
PRIOR FILING DATE: 1996-02-20  
PRIOR APPLICATION NUMBER: JP 207508/1995  
PRIOR FILING DATE: 1995-07-21  
PRIOR APPLICATION NUMBER: JP 054977/1995  
PRIOR FILING DATE: 1995-02-20  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-338-063A-5

Query Match 99.8%; Score 2195; DB 2; Length 401;  
Best Local Similarity 99.8%; Pred. No. 1,6e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60  
QY 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGNYLLEIFCLK 120  
DB 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGNYLLEIFCLK 120  
QY 121 HRSCEPGGVVQAGTPERNYVCKRCPDGPFNSNETSSKAPCRKHTNCSYFGLLTQKGNAT 180  
DB 121 HRSCEPGGVVQAGTPERNYVCKRCPDGPFNSNETSSKAPCRKHTNCSYFGLLTQKGNAT 180  
QY 181 HDNICGNSBSTQCGIDVTLCEBAFFRAVPTKFTPNWLSVLVDNLPGTVMASVERI 240  
DB 181 HDNICGNSBSTQCGIDVTLCEBAFFRAVPTKFTPNWLSVLVDNLPGTVMASVERI 240  
QY 241 KROHSSQEQTFQQLKMKHQNKODIVKTIIDIDLCENSVQRHIGHANTLFEQLRLME 300  
DB 241 KROHSSQEQTFQQLKMKHQNKODIVKTIIDIDLCENSVQRHIGHANTLFEQLRLME 300  
QY 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSTYHPKXT 360  
DB 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSTYHPKXT 360  
QY 361 VTGSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
DB 361 VTGSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 5  
US-08-974-022-6

Sequence 6, Application US/08974022  
Patent No. 6015938  
GENERAL INFORMATION:  
APPLICANT: Boyle, William J.  
APPLICANT: Lacey, David L.  
APPLICANT: Calcione, Frank J.  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: OSTEOPROTEGERIN  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehavenland Drive  
CITY: Thousand Oaks  
STATE: California  
COUNTRY: USA  
ZIP: 91320-1789  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,022  
FILING DATE: 12-DEC-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/577,788  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-378  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 401 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-974-022-6

Query Match 99.6%; Score 2192; DB 2; Length 401;  
Best Local Similarity 99.8%; Pred. No. 3,1e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60  
DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60  
QY 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGNYLLEIFCLK 120  
DB 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGNYLLEIFCLK 120  
QY 121 HRSCEPGGVVQAGTPERNYVCKRCPDGPFNSNETSSKAPCRKHTNCSYFGLLTQKGNAT 180  
DB 121 HRSCEPGGVVQAGTPERNYVCKRCPDGPFNSNETSSKAPCRKHTNCSYFGLLTQKGNAT 180  
QY 181 HDNICGNSBSTQCGIDVTLCEBAFFRAVPTKFTPNWLSVLVDNLPGTVMASVERI 240  
DB 181 HDNICGNSBSTQCGIDVTLCEBAFFRAVPTKFTPNWLSVLVDNLPGTVMASVERI 240  
QY 241 KROHSSQEQTFQQLKMKHQNKODIVKTIIDIDLCENSVQRHIGHANTLFEQLRLME 300  
DB 241 KROHSSQEQTFQQLKMKHQNKODIVKTIIDIDLCENSVQRHIGHANTLFEQLRLME 300  
QY 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSTYHPKXT 360  
DB 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSTYHPKXT 360  
QY 361 VTGSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
DB 361 VTGSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 6  
US-09-042-785A-12

Sequence 12, Application US/09042785A  
Patent No. 6194151  
GENERAL INFORMATION:  
APPLICANT: Bugfield, Samantha J  
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNP RECEPTOR SUPERFAMILY  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD, LLP  
STREET: 28 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandregouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-042-785A-12
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Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;

Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
QY 121 HRSCEPGFVGVOAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCBEAFPRFAVPTKFTPNMLSVLDNLPGRKVAESVERI 240
DB 181 HDNIGSGNSESTQKCGIDVTLCBEAFPRFAVPTKFTPNMLSVLDNLPGRKVAESVERI 240
QY 241 KRQHSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVOHRIGHANTTFEQLSLME 300
DB 241 KRQHSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVOHRIGHANTTFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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## RESULT 7

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US-08-795-445A-6
Sequence 6, Application US/08795445A
Patent No. 6284485
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Amgen Inc.
STREET: 1840 Denavilland Drive
CITY: Thousand Oaks
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STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,445A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-445A-6
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Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;

Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
QY 121 HRSCEPGFVGVOAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTEPRNTVCRCRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCBEAFPRFAVPTKFTPNMLSVLDNLPGRKVAESVERI 240
DB 181 HDNIGSGNSESTQKCGIDVTLCBEAFPRFAVPTKFTPNMLSVLDNLPGRKVAESVERI 240
QY 241 KRQHSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVOHRIGHANTTFEQLSLME 300
DB 241 KRQHSQEQTFOLLKLMKQKQKODIVKIIQDIDLCENSVOHRIGHANTTFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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## RESULT 8

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US-08-795-447A-6
Sequence 6, Application US/08795447A
Patent No. 6284728
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Amgen Inc.
STREET: One Amgen Center Drive
```

CITY: Thousand Oaks  
STATE: California  
COUNTRY: USA  
ZIP: 91362-1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/795,447A  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-378D2  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 401 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-795-447A-6

Query Match 99.6%; Score 2192; DB 2; Length 401;  
Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCYAKMT 60  
DB 1 MNKLCCALVFLDISIKMTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCYAKMT 60  
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLIEFCLK 120  
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLIEFCLK 120  
QY 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
DB 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
QY 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
DB 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
QY 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFAVPTKFTPMWLSVLDNLPGTVMASVERI 240  
DB 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFAVPTKFTPMWLSVLDNLPGTVMASVERI 240  
QY 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300  
DB 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300  
QY 301 SLPGKKGAEADIEKTIYACKPSDOIILKLSLWRIKNGDQDTLKGLMHALKSKTYHPPKT 360  
DB 301 SLPGKKGAEADIEKTIYACKPSDOIILKLSLWRIKNGDQDTLKGLMHALKSKTYHPPKT 360  
QY 361 VTQSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
DB 361 VTQSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 9  
US-08-974-186-6  
Sequence 6, Application US/08974186  
Patent No. 6284740  
GENERAL INFORMATION:  
APPLICANT: Boyle, William J.  
APPLICANT: Lacey, David L.  
APPLICANT: Calzone, Frank J.  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: OSTEOPROTEGERIN  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehaven Drive  
CITY: Thousand Oaks  
STATE: California

COUNTRY: USA  
ZIP: 91320-1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,186  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/577,788  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-378  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 401 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-974-186-6

Query Match 99.6%; Score 2192; DB 2; Length 401;  
Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCYAKMT 60  
DB 1 MNKLCCALVFLDISIKMTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCYAKMT 60  
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLIEFCLK 120  
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLIEFCLK 120  
QY 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
DB 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
QY 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
DB 121 HRSCEPBGVVAQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSYFGILLTQKGNAT 180  
QY 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFAVPTKFTPMWLSVLDNLPGTVMASVERI 240  
DB 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFAVPTKFTPMWLSVLDNLPGTVMASVERI 240  
QY 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300  
DB 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300  
QY 301 SLPGKKGAEADIEKTIYACKPSDOIILKLSLWRIKNGDQDTLKGLMHALKSKTYHPPKT 360  
DB 301 SLPGKKGAEADIEKTIYACKPSDOIILKLSLWRIKNGDQDTLKGLMHALKSKTYHPPKT 360  
QY 361 VTQSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
DB 361 VTQSLKKTIRPLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 10  
US-08-795-446B-6  
Sequence 6, Application US/08795446B  
Patent No. 6288032  
GENERAL INFORMATION:  
APPLICANT: Boyle, William J.  
APPLICANT: Lacey, David L.  
APPLICANT: Calzone, Frank J.  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: OSTEOPROTEGERIN  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehaven Drive  
CITY: Thousand Oaks

```

; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,446B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-795-446B-6

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
QY 121 HRSCPPGFGVVOAGTERNTVCRCPCDGFPSNETSSKAPCRKTNCSVFGLLLTOKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCRCPCDGFPSNETSSKAPCRKTNCSVFGLLLTOKGNAT 180
QY 181 HDNIGSGNSESTOKCGIDVTLCEAFPRFAVPTKFTPNMUSVLDNLPGRKNAESVERI 240
DB 181 HDNIGSGNSESTOKCGIDVTLCEAFPRFAVPTKFTPNMUSVLDNLPGRKNAESVERI 240
QY 241 KRQHSQEQTFQLLKLMKQNKQODIVKIIODIDLCENSVOHHIGANLTFEQLSLME 300
DB 241 KRQHSQEQTFQLLKLMKQNKQODIVKIIODIDLCENSVOHHIGANLTFEQLSLME 300
QY 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLALKHSXTYHPKPT 360
DB 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLALKHSXTYHPKPT 360
QY 361 VTOSLKKTIKIRFLHSFTMYKLYQKLFLEMIGNOVQVXISCL 401
DB 361 VTOSLKKTIKIRFLHSFTMYKLYQKLFLEMIGNOVQVXISCL 401

RESULT 11
US-08-706-945D-128
; Sequence 128, Application US/08706945D
; Patent No. 6369027
; GENERAL INFORMATION:
; APPLICANT: Boyle, William
; APPLICANT: Lacey, David
; APPLICANT: Calzone, Frank
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; FILE REFERENCE: A-378CIP
; CURRENT APPLICATION NUMBER: US/08/706, 945D
; CURRENT FILING DATE: 1996-09-03
; PRIOR APPLICATION NUMBER: 08/577,788

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; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 128
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-08-706-945D-128

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
QY 121 HRSCPPGFGVVOAGTERNTVCRCPCDGFPSNETSSKAPCRKTNCSVFGLLLTOKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCRCPCDGFPSNETSSKAPCRKTNCSVFGLLLTOKGNAT 180
QY 181 HDNIGSGNSESTOKCGIDVTLCEAFPRFAVPTKFTPNMUSVLDNLPGRKNAESVERI 240
DB 181 HDNIGSGNSESTOKCGIDVTLCEAFPRFAVPTKFTPNMUSVLDNLPGRKNAESVERI 240
QY 241 KRQHSQEQTFQLLKLMKQNKQODIVKIIODIDLCENSVOHHIGANLTFEQLSLME 300
DB 241 KRQHSQEQTFQLLKLMKQNKQODIVKIIODIDLCENSVOHHIGANLTFEQLSLME 300
QY 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLALKHSXTYHPKPT 360
DB 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLALKHSXTYHPKPT 360
QY 361 VTOSLKKTIKIRFLHSFTMYKLYQKLFLEMIGNOVQVXISCL 401
DB 361 VTOSLKKTIKIRFLHSFTMYKLYQKLFLEMIGNOVQVXISCL 401

RESULT 12
US-08-577-788C-6
; Sequence 6, Application US/08577788C
; Patent No. 6613544
; GENERAL INFORMATION:
; APPLICANT: Boyle, William
; APPLICANT: Lacey, David
; APPLICANT: Calzone, Frank
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; FILE REFERENCE: A-378 Rev
; CURRENT APPLICATION NUMBER: US/08/577,788C
; CURRENT FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-08-577-788C-6

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCEKGRYLEIEFCLK 120

```



Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKEIQYVKEQBCNRTNRYCECKEGRYIEBCLK 120  
|  
Qy 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Db 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Qy 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Db 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Qy 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Db 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Qy 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Db 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Qy 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|  
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|  
RESULT 13  
US-08-577-788C-56  
; Sequence 56, Application US/08577788C  
; Patent No. 6613544  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William  
; APPLICANT: Lacey, David  
; APPLICANT: Calzone, Frank  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Osteoprotegerin  
; FILE REFERENCE: A-378 Rev  
; CURRENT APPLICATION NUMBER: US/08/577, 788C  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 56  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-08-577-788C-56  
Query Match 99.64; Score 2192; DB 2; Length 401;  
Best Local Similarity 99.84; Pred. No. 3.1e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1 MNRLCCALVFLDISIKMTQETFPFKYLYHDEBESHQLCDKCPPTYLKQHTAKMT 60  
|  
Db 1 MNRLCCALVFLDISIKMTQETFPFKYLYHDEBESHQLCDKCPPTYLKQHTAKMT 60  
|  
Qy 61 VCAPCPDHYTDSWHTSDECLYCSPVCKEIQYVKEQBCNRTNRYCECKEGRYIEBCLK 120  
|  
Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKEIQYVKEQBCNRTNRYCECKEGRYIEBCLK 120  
|  
Qy 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Db 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Qy 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Db 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Qy 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Db 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Qy 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Db 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Qy 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|  
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|

Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|  
RESULT 14  
US-09-064-832-2  
; Sequence 2, Application US/09064832  
; Patent No. 6790823  
; GENERAL INFORMATION:  
; APPLICANT: Simons, Scott  
; APPLICANT: Sarsel, Ildiko  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: One Amgen Center Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/064,832  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-525  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 401 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-064-832-2  
Query Match 99.64; Score 2192; DB 2; Length 401;  
Best Local Similarity 99.84; Pred. No. 3.1e-192;  
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1 MNRLCCALVFLDISIKMTQETFPFKYLYHDEBESHQLCDKCPPTYLKQHTAKMT 60  
|  
Db 1 MNRLCCALVFLDISIKMTQETFPFKYLYHDEBESHQLCDKCPPTYLKQHTAKMT 60  
|  
Qy 61 VCAPCPDHYTDSWHTSDECLYCSPVCKEIQYVKEQBCNRTNRYCECKEGRYIEBCLK 120  
|  
Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKEIQYVKEQBCNRTNRYCECKEGRYIEBCLK 120  
|  
Qy 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Db 121 HRSRCPGFGVQAGTPERNVCKRCPCDGFPSNENSSAPCRKHTNCSVFGILLTQKGNAT 180  
|  
Qy 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Db 181 HDNIGSNGSSTOKCGIDVTLCBAFFRAVPTKFTPNMISVLDNLPGRKVAASVERI 240  
|  
Qy 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Db 241 KROHSSQEQTFOLLKMKHONKQODIVKXIIOIDICENSVOHHIGHANTLFEQLSLME 300  
|  
Qy 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Db 301 SLPGKKVGAADIEKTIKACRPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360  
|  
Qy 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
|  
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401  
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RESULT 15
US-10-232-858-62
/ Sequence 62, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Saeuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808yuki
/ APPLICANT: YASUDA, Hirotaka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masaeugu
/ APPLICANT: HIGASHIO, Kanji
/ TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991.004
/ CURRENT APPLICATION NUMBER: US/10/232, 858
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: 08/915, 004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 62
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-62

Query Match      99.3%; Score 2185; DB 2; Length 401;
Best Local Similarity 99.5%; Pred. No. 1.3e-191;
Matches 399; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETPPKYLHYDEETSHQLCDKCPPTYLKOHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETPPKYLHYDEETSHQLCDKCPPTYLKOHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEPCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEPCLK 120
QY 121 HRCQPRGFGVVOAGTPERNVYCKRCPEGFSNETSSKAPCRKHTNCVFGILLTQKGNAT 180
DB 121 HRCQPRGFGVVOAGTPERNVYCKRCPEGFSNETSSKAPCRKHTNCVFGILLTQKGNAT 180
QY 181 HDNIGSGNSBSTOKGIDVTLCEBAFPRFAVPTKFTPNMTLSVLYDNLPGTKVNAESVERI 240
DB 181 HDNIGSGNSBSTOKGIDVTLCEBAFPRFAVPTKFTPNMTLSVLYDNLPGTKVNAESVERI 240
QY 241 KROHSSQEQTFOLILKMKHONKQDIYVKIIOIDILCENSVOIRIGHANLTFEQLRLSME 300
DB 241 KROHSSQEQTFOLILKMKHONKQDIYVKIIOIDILCENSVOIRIGHANLTFEQLRLSME 300
QY 301 SLPGKRYGADIEKTIYACKPSDOIILKLSIMRIKNGDOTLKGMLALHGSTYHFPKT 360
DB 301 SLPGKRYGADIEKTIYACKPSDOIILKLSIMRIKNGDOTLKGMLALHGSTYHFPKT 360
QY 361 VTOSLKKTIKIRPLSFTMYKLYOKLFLFMIGNOVSVKISCL 401
DB 361 VTOSLKKTIKIRPLSFTMYKLYOKLFLFMIGNOVSVKISCL 401
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